

Table 1: California certified off-road engines approved for HUSS FS-MK

Note: For engines certified with DOCs see Table 2.

Model Year	Manufacturer	Engine Family	Displacement (L)
1996	Case	TX9505R6DTRA	8.3
1996	Case	TX9505R6DTRB	8.3
1996	Case	TX9505R6DTRC	8.3
1996	Caterpillar	TCP10.RZDBRA	10.4
1996	Caterpillar	TCP10.RZDBRB	10.4
1996	Caterpillar	TCP10.RZDBRC	10.4
1996	Caterpillar	TCP10.RZDBRD	10.5
1996	Caterpillar	TCP10.RZDBRF	10.5
1996	Caterpillar	TCP10.RZDBRG	10.5
1996	Caterpillar	TCP10.RZDBRK	10.3
1996	Caterpillar	TCP12.RZDBRM	12
1996	Caterpillar	TCP14.RZDBRC	14.6
1996	Caterpillar	TCP14.RZDBRJ	14.6
1996	Caterpillar	TCP14.RZDBRK	14.6
1996	Caterpillar	TCP18.RZDBRJ	18
1996	Caterpillar	TCP18.RZDBRK	18
1996	Caterpillar	TCP18.RZDBRN	18
1996	Caterpillar	TCP27.RZDBRH	27
1996	Caterpillar	TCP27.RZDBRJ	27
1996	Caterpillar	TCP27.RZDBRK	27
1996	Caterpillar	TCP27.RZDBRN	27
1996	Caterpillar	TCP27.RZDBRP	27
1996	Caterpillar	TCP6.6RZDBRB	6.6
1996	Caterpillar	TCP6.6RZDBRC	6.6
1996	Caterpillar	TCP7.2RZDBRB	7.2
1996	Caterpillar	TCP7.2RZDBRC	7.2
1996	Caterpillar	TCP7.2RZDBRK	7.2
1996	Cummins	TCE19.RJDTRA	19
1996	Cummins	TCE19.RJDTRB	19
1996	Cummins	TCE359R6DTRA	5.9
1996	Cummins	TCE505R6DTRA	8.3
1996	Cummins	TCE505R6DTRB	8.3
1996	Cummins	TCE505R6DTRC	8.3
1996	Cummins	TCE505R6DTRD	8.3
1996	Cummins	TCE661RGDTRA	10.8
1996	Cummins	TCE855RGDTRA	14
1996	Cummins	TCE855RJDTRA	14
1996	Deere	TJD10.R6DBRA	10.1
1996	Deere	TJD10.R6DBRB	10.1
1996	Deere	TJD10.RJDBRA	10.5
1996	Deere	TJD10.RJDBRB	10.5
1996	Deere	TJD12.RJDBRA	12.5
1996	Deere	TJD6.8R6DBRC	6.8
1996	Deere	TJD6.8R6DBRD	6.8
1996	Deere	TJD7.6R6DBRA	7.6
1996	Deere	TJD7.6R6DBRB	7.6
1996	Deere	TJD8.1R6DBRA	8.1

Model Year	Manufacturer	Engine Family	Displacement (L)
1996	Deere	TJD8.1R6DBRB	8.1
1996	Deere	TJD8.1R6DBRC	8.1
1996	Detroit Diesel Corporation	TDD11.TJDARE	11.1
1996	Detroit Diesel Corporation	TDD12.TJDARE	12.7
1996	Detroit Diesel Corporation	TDD8.5TJDARE	8.5
1996	Deutz	TDZ16.RGDARA	15.8
1996	Deutz	TDZ16.RGDARB	15.8
1996	Deutz	TDZ7.1R6DARA	7.1
1996	Deutz	TDZ7.1R6DARB	7.1
1996	Generac Corporation	TGN13.R6DARA	13.3
1996	International	TNV466R6DARA	7.6
1996	International	TNV466R6DARB	7.6
1996	International	TNV466R6DASC	7.6
1996	International	TNV466R6DASD	7.6
1996	International	TNV530R6DARA	8.7
1996	International	TNV530R6DARB	8.7
1996	International	TNV530R6DASC	8.7
1996	International	TNV530R6DASD	8.7
1996	International	TNV530R8DASE	8.7
1996	Isuzu	TSZ13.RGDARA	13.7
1996	Isuzu	TSZ9.8R6DARA	9.8
1996	Iveco	TVE14.R6DARA	13.8
1996	Iveco	TVE7.7R6DARA	7.7
1996	Iveco	TVE9.5R6DARA	9.5
1996	Iveco	TVE9.5R6DASA	9.5
1996	Komatsu	TKL11.RZDARA	11
1996	Komatsu	TKL11.RZDARB	11
1996	Komatsu	TKL11.RZDARC	11
1996	Komatsu	TKL15.RZDARA	15.2
1996	Komatsu	TKL15.RZDARB	15.2
1996	Komatsu	TKL15.RZDARC	15.2
1996	Komatsu	TKL23.RZDARA	23.2
1996	Komatsu	TKL23.RZDARB	23.2
1996	Komatsu	TKL23.RZDARC	23.2
1996	Komatsu Dresser	TKD505R6DTA	8.3
1996	Komatsu Dresser	TKD505R6DTRC	8.3
1996	Liebherr Machines Bulle SA	TLH17.R6DARA	17.2
1996	Liebherr Machines Bulle SA	TLH9.9R6DARA	10
1996	Liebherr Machines Bulle SA	TLH9.9R6DASA	10
1996	Mercedes-Benz	TMB13.R6DARA	12.8
1996	Mercedes-Benz	TMB15.R6DARA	14.6
1996	Mercedes-Benz	TMB22.R6DARA	21.9
1996	Mercedes-Benz	TMB6.0R6DARA	6
1996	Mitsubishi Motors	TMT460D6DARA	7.5
1996	Mitsubishi Motors	TMT729D6DARB	11.9
1996	Mitsubishi Motors	TMT729E6DARC	11.9
1996	New Holland	TNH7.5R6DARA	7.5
1996	Volvo Construction Equipment	TVS12.R6DARA	12
1996	Volvo Construction Equipment	TVS16.R6DARA	16.1
1996	Volvo Construction Equipment	TVS6.7R6DARA	6.7
1996	Volvo Construction Equipment	TVS9.6R6DARA	9.6

Model Year	Manufacturer	Engine Family	Displacement (L)
1997	AB Volvo Penta	VVP12.R6DARA	12
1997	AB Volvo Penta	VVP5.5R6DARA	5.5
1997	AB Volvo Penta	VVP6.7R6DARA	6.7
1997	AB Volvo Penta	VVP6.7R6DASA	6.7
1997	AB Volvo Penta	VVP9.6R6DASA	9.6
1997	Case	VX9505R6DTA	8.3
1997	Case	VX9505R6DTRB	8.3
1997	Case	VX9505R6DTRC	8.3
1997	Caterpillar	VCP10.RZDARA	10.4
1997	Caterpillar	VCP10.RZDARB	10.4
1997	Caterpillar	VCP10.RZDARC	10.4
1997	Caterpillar	VCP10.RZDARD	10.5
1997	Caterpillar	VCP10.RZDARF	10.5
1997	Caterpillar	VCP10.RZDARG	10.5
1997	Caterpillar	VCP10.RZDARK	10.3
1997	Caterpillar	VCP12.RZDARM	12
1997	Caterpillar	VCP14.RZDARC	14.6
1997	Caterpillar	VCP14.RZDARJ	14.6
1997	Caterpillar	VCP14.RZDARK	14.6
1997	Caterpillar	VCP18.RZDARJ	18
1997	Caterpillar	VCP18.RZDARK	18
1997	Caterpillar	VCP18.RZDARN	18
1997	Caterpillar	VCP27.RZDARH	27
1997	Caterpillar	VCP27.RZDARJ	27
1997	Caterpillar	VCP27.RZDARK	27
1997	Caterpillar	VCP27.RZDARN	27
1997	Caterpillar	VCP27.RZDARP	27
1997	Caterpillar	VCP442DZDARK	7.1
1997	Caterpillar	VCP6.6RZDARB	6.6
1997	Caterpillar	VCP6.6RZDARC	6.6
1997	Caterpillar	VCP7.0RZDARB	7
1997	Caterpillar	VCP7.2RZDARB	7.2
1997	Caterpillar	VCP7.2RZDARC	7.2
1997	Caterpillar	VCP7.2RZDARK	7.2
1997	Cummins	VCE19.RJDTRA	19
1997	Cummins	VCE19.RJDTRB	19
1997	Cummins	VCE359R6DTRB	5.9
1997	Cummins	VCE505R6DTRA	8.3
1997	Cummins	VCE505R6DTRB	8.3
1997	Cummins	VCE505R6DTRC	8.3
1997	Cummins	VCE505R6DTRD	8.3
1997	Cummins	VCE661RGDTRA	10.8
1997	Cummins	VCE855RGDTRA	14
1997	Cummins	VCE855RJDTRA	14
1997	Daewoo	VDW05.R6DARA	5.8
1997	Daewoo	VDW08.R6DARA	8.1
1997	Daewoo	VDW11.R6DARA	11
1997	Daewoo	VDW11.R6DARB	11
1997	Daewoo	VDW14.6R6ARA	14.6
1997	DaimlerChrysler	VMB13.R6DARA	12.8
1997	DaimlerChrysler	VMB15.R6DARA	14.6

Model Year	Manufacturer	Engine Family	Displacement (L)
1997	DaimlerChrysler	VMB22.R6DARA	21.9
1997	DaimlerChrysler	VMB6.0R6DARA	6
1997	Deere	VJD10.R6DBRA	10.1
1997	Deere	VJD10.R6DBRB	10.1
1997	Deere	VJD10.RJDBRA	10.5
1997	Deere	VJD10.RJDBRB	10.1
1997	Deere	VJD12.RJDBRA	12.5
1997	Deere	VJD12.RJDBRB	12.5
1997	Deere	VJD6.8R6DBRA	6.8
1997	Deere	VJD6.8R6DBRB	6.8
1997	Deere	VJD6.8R6DBRC	6.8
1997	Deere	VJD6.8R6DBRD	6.8
1997	Deere	VJD7.6R6DBRA	7.6
1997	Deere	VJD7.6R6DBRB	7.6
1997	Deere	VJD8.1R6DBRA	8.1
1997	Deere	VJD8.1R6DBRB	8.1
1997	Deere	VJD8.1R6DBRC	8.1
1997	Detroit Diesel Corporation	VDD11.TJDARE	11.1
1997	Detroit Diesel Corporation	VDD12.TJDARE	12.7
1997	Detroit Diesel Corporation	VDD8.5TJDARE	8.5
1997	Deutz	VDZ16.RGDARA	15.9
1997	Deutz	VDZ16.RGDARB	15.9
1997	Deutz	VDZ18.RGDARA	17.5
1997	Deutz	VDZ6.1R6DARC	6.1
1997	Deutz	VDZ7.1R6DARA	7.2
1997	Deutz	VDZ7.1R6DARB	7.2
1997	Generac Corporation	VGN13.R6DARA	13
1997	Hino	VHM6.7R6DARA	6.7
1997	International	VNV466R6DASC	7.6
1997	International	VNV466R6DASD	7.6
1997	International	VNV530R6DARA	8.7
1997	International	VNV530R6DARB	8.7
1997	International	VNV530R6DASC	8.7
1997	International	VNV530R6DASD	8.7
1997	International	VNV530R8DARA	8.7
1997	International	VNV530R8DASC	8.7
1997	International	VNV530R8DASE	8.7
1997	Isuzu	VSZ13.RGDARA	13.7
1997	Isuzu	VSZ9.8R6DARA	9.8
1997	Isuzu	VSZ9.8R6DARB	9.8
1997	Iveco	VVE14.R6DARA	13.8
1997	Iveco	VVE7.7R6DARA	7.7
1997	Iveco	VVE9.5R6DARA	9.5
1997	Iveco	VVE9.5R6DASA	9.5
1997	Komatsu	VKD505R6DTA	8.3
1997	Komatsu	VKD505R6DTRC	8.3
1997	Liebherr Machines Bulle SA	VLH17.R6DARA	17.2
1997	Liebherr Machines Bulle SA	VLH9.9R6DARA	10
1997	Liebherr Machines Bulle SA	VLH9.9R6DASA	10
1997	Mitsubishi Motors	VMT460R6DARA	7.5
1997	Mitsubishi Motors	VMT729R6DARB	11.9

Model Year	Manufacturer	Engine Family	Displacement (L)
1997	Mitsubishi Motors	VMT729R6DARC	11.9
1997	New Holland	VNH7.5R6DARA	7.5
1997	Volvo Construction Equipment	VVS12.R6DARA	12
1997	Volvo Construction Equipment	VVS16.R6DARA	16.1
1997	Volvo Construction Equipment	VVS6.7R6DARA	6.7
1997	Volvo Construction Equipment	VVS9.6R6DARA	9.6
1998	AB Volvo Penta	WVPXL05.5AAA	5.5
1998	AB Volvo Penta	WVPXL05.5ABA	5.5
1998	AB Volvo Penta	WVPXL06.7AAA	6.7
1998	AB Volvo Penta	WVPXL06.7ABA	6.7
1998	AB Volvo Penta	WVPXL09.6AAA	9.6
1998	AB Volvo Penta	WVPXL09.6ABA	9.6
1998	AB Volvo Penta	WVPXL09.6ACB	9.6
1998	AB Volvo Penta	WVPXL12.0ABA	12
1998	AB Volvo Penta	WVPXL12.0ACB	12
1998	AB Volvo Penta	WVPXL16.0ACB	16.1
1998	Case	WX9XL0239ABA	3.9
1998	Case	WX9XL0239ACA	3.9
1998	Case	WX9XL0359AAA	5.9
1998	Case	WX9XL0359ABA	5.9
1998	Case	WX9XL0505AAA	8.3
1998	Case	WX9XL0505ABA	8.3
1998	Case	WX9XL0505ABB	8.3
1998	Case	WX9XL0505ABC	8.3
1998	Case	WX9XL0505ACA	8.3
1998	Caterpillar	WCPXL06.6MRB	6.6
1998	Caterpillar	WCPXL06.6MRC	6.6
1998	Caterpillar	WCPXL07.0MRB	7
1998	Caterpillar	WCPXL07.2HRK	7.2
1998	Caterpillar	WCPXL07.2MRB	7.2
1998	Caterpillar	WCPXL07.2MRC	7.2
1998	Caterpillar	WCPXL10.3ERK	10.3
1998	Caterpillar	WCPXL10.4MRA	10.4
1998	Caterpillar	WCPXL10.4MRB	10.4
1998	Caterpillar	WCPXL10.4MRC	10.4
1998	Caterpillar	WCPXL10.5MRD	10.5
1998	Caterpillar	WCPXL10.5MRF	10.5
1998	Caterpillar	WCPXL10.5MRG	10.5
1998	Caterpillar	WCPXL12.0ERM	12
1998	Caterpillar	WCPXL14.6ERK	14.6
1998	Caterpillar	WCPXL14.6MRC	14.6
1998	Caterpillar	WCPXL14.6MRJ	14.6
1998	Caterpillar	WCPXL15.8ERK	15.8
1998	Caterpillar	WCPXL18.0HRK	18.0
1998	Caterpillar	WCPXL18.0HRN	18.0
1998	Caterpillar	WCPXL18.0MRJ	18.0
1998	Caterpillar	WCPXL27.0HRK	27.0
1998	Caterpillar	WCPXL27.0HRN	27.0
1998	Caterpillar	WCPXL27.0HRP	27.0
1998	Caterpillar	WCPXL27.0MRH	27.0

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Model Year	Manufacturer	Engine Family	Displacement (L)
1998	Caterpillar	WCPXL27.0MRJ	27.0
1998	Cummins	WCEXL019.AAA	19.0
1998	Cummins	WCEXL019.AAB	19.0
1998	Cummins	WCEXL0359AAA	5.9
1998	Cummins	WCEXL0359ABA	5.9
1998	Cummins	WCEXL0359ABB	5.9
1998	Cummins	WCEXL0505AAA	8.3
1998	Cummins	WCEXL0505ABA	8.3
1998	Cummins	WCEXL0505ABB	8.3
1998	Cummins	WCEXL0505ABC	8.3
1998	Cummins	WCEXL0505ACA	8.3
1998	Cummins	WCEXL0661AAA	10.8
1998	Cummins	WCEXL0855AAA	14
1998	Cummins	WCEXL0855AAB	14.0
1998	Daewoo	WDWXL08.1ACN	8.1
1998	Daewoo	WDWXL08.1APA	8.1
1998	Daewoo	WDWXL05.8ATT	5.7
1998	Daewoo	WDWXL11.1AGN	11
1998	Daewoo	WDWXL11.1AHT	11
1998	Daewoo	WDWXL11.1BHT	11.1
1998	Daewoo	WDWXL11.1BIA	11.1
1998	Daewoo	WDWXL14.6CVT	14.6
1998	Daimler-Benz	WMBXL14.6R6B	15.1
1998	Daimler-Benz	WMBXL6.37DJA	6.4
1998	Deere	WJDXL06.8012	6.8
1998	Deere	WJDXL06.8013	6.8
1998	Deere	WJDXL06.8014	6.8
1998	Deere	WJDXL06.8015	6.8
1998	Deere	WJDXL07.6010	7.6
1998	Deere	WJDXL07.6011	7.6
1998	Deere	WJDXL08.1007	8.1
1998	Deere	WJDXL08.1008	8.1
1998	Deere	WJDXL08.1009	8.1
1998	Deere	WJDXL10.1005	10.1
1998	Deere	WJDXL10.1006	10.1
1998	Deere	WJDXL10.5003	10.5
1998	Deere	WJDXL10.5004	10.5
1998	Deere	WJDXL12.5001	12.5
1998	Deere	WJDXL12.5002	12.5
1998	Detroit Diesel Corporation	WDDXL08.5TJD	8.5
1998	Detroit Diesel Corporation	WDDXL11.1THD	11.1
1998	Detroit Diesel Corporation	WDDXL12.7TGD	12.7
1998	Detroit Diesel Corporation	WDDXL15.9TRE	15.9
1998	Detroit Diesel Corporation	WDDXL23.9TRE	23.9
1998	Detroit Diesel Corporation	WMUXL12.0G2V	12
1998	Deutz	WDZXL06.1007	6.1
1998	Deutz	WDZXL07.1003	7.1
1998	Deutz	WDZXL07.1004	7.1
1998	Deutz	WDZXL15.9001	15.9
1998	Deutz	WDZXL15.9002	11.9
	Deutz		

Model Year	Manufacturer	Engine Family	Displacement (L)
1998	Generac Corporation	WGNXL13.3HTA	13.3
1998	Hino	WHMXL06.7HTD	6.7
1998	International	WNVXL0466BNA	7.8
1998	International	WNVXL0530ANA	8.7
1998	International	WNVXL0530ANB	8.7
1998	International	WNVXL0530BNA	8.8
1998	International	WNVXL0530BNB	8.7
1998	International	WNVXL0530BNC	8.7
1998	International	WNVXL0530BND	8.7
1998	Isuzu	WSZXL09.8DTA	9.8
1998	Isuzu	WSZXL09.8DTB	9.8
1998	Isuzu	WSZXL13.7DTA	13.7
1998	Iveco	WVEXL07.7DAR	7.7
1998	Iveco	WVEXL09.5DAR	9.5
1998	Iveco	WVEXL09.5DAS	9.5
1998	Iveco	WVEXL13.8DAR	13.8
1998	Komatsu	WKLXL11.0DA1	11
1998	Komatsu	WKLXL11.0DB1	11
1998	Komatsu	WKLXL11.0DC1	11
1998	Komatsu	WKLXL15.2EB1	15.2
1998	Komatsu	WKLXL15.2EC1	15.2
1998	Komatsu	WKLXL15.2ED1	15.2
1998	Komatsu	WKLXL23.2FB1	23.2
1998	Komatsu	WKLXL23.2FC1	23.2
1998	Komatsu	WKLXL23.2FD1	23.2
1998	Komatsu	WKLXL23.2FD2	23.2
1998	Komatsu	WKLXL7.15CB1	7.2
1998	Komatsu	WKLXL7.15CC1	7.2
1998	Komatsu Dresser	WKDXL0239AAA	3.9
1998	Komatsu Dresser	WKDXL0239ABA	3.9
1998	Komatsu Dresser	WKDXL0239ACA	3.9
1998	Komatsu Dresser	WKDXL0359AAA	5.9
1998	Komatsu Dresser	WKDXL0359ABA	5.9
1998	Komatsu Dresser	WKDXL0505AAA	8.3
1998	Komatsu Dresser	WKDXL0505ABB	8.3
1998	Liebherr Machines Bulle SA	WLHAL17.2ARA	12.9
1998	Liebherr Machines Bulle SA	WLHAL17.2ATA	17.2
1998	Liebherr Machines Bulle SA	WLHAL9.96ARA	6.6
1998	Liebherr Machines Bulle SA	WLHAL9.96ASA	6.6
1998	Liebherr Machines Bulle SA	WLHAL9.96ATA	10
1998	Mercedes-Benz	WMBXL12.9R6A	13
1998	Mercedes-Benz	WMBXL14.6R6A	14.6
1998	Mercedes-Benz	WMBXL21.9R6A	22
1998	Mercedes-Benz	WMBXL5.96R6A	6
1998	Mercedes-Benz	WMBXL5.96R6B	6
1998	Mitsubishi Motors	WMTXL07.5D6A	7.5
1998	New Holland	WNHXL07.5A3V	7.5
1998	Volvo Construction Equipment	WVSXL06.7CE1	6.7
1998	Volvo Construction Equipment	WVSXL09.6CE1	9.6
1998	Volvo Construction Equipment	WVSXL12.0CE1	12
	Volvo Construction Equipment		

Model Year	Manufacturer	Engine Family	Displacement (L)
1999	AB Volvo Penta	XVPXL05.5ABA	5.5
1999	AB Volvo Penta	XVPXL06.7AAA	6.7
1999	AB Volvo Penta	XVPXL06.7ABA	6.7
1999	AB Volvo Penta	XVPXL07.3ABB	7.3
1999	AB Volvo Penta	XVPXL07.3ACB	7.3
1999	AB Volvo Penta	XVPXL09.6AAA	9.6
1999	AB Volvo Penta	XVPXL09.6ABA	9.6
1999	AB Volvo Penta	XVPXL09.6ACB	9.6
1999	AB Volvo Penta	XVPXL12.0ABA	12
1999	AB Volvo Penta	XVPXL12.0ACB	12
1999	AB Volvo Penta	XVPXL16.0ACB	16.1
1999	Case	XX9XL0359ABA	5.9
1999	Case	XX9XL0505AAA	8.3
1999	Case	XX9XL0505ABA	8.3
1999	Case	XX9XL0505ABB	8.3
1999	Case	XX9XL0505ABC	8.3
1999	Case	XX9XL0505ACA	8.3
1999	Caterpillar	XCPXL06.6MRB	6.6
1999	Caterpillar	XCPXL06.6MRC	6.6
1999	Caterpillar	XCPXL07.0MRB	7
1999	Caterpillar	XCPXL07.2HRK	7.2
1999	Caterpillar	XCPXL07.2MRB	7.2
1999	Caterpillar	XCPXL07.2MRC	7.2
1999	Caterpillar	XCPXL10.3ERK	10.3
1999	Caterpillar	XCPXL10.4MRA	10.4
1999	Caterpillar	XCPXL10.4MRB	10.4
1999	Caterpillar	XCPXL10.4MRC	10.4
1999	Caterpillar	XCPXL10.5MRD	10.5
1999	Caterpillar	XCPXL10.5MRF	10.5
1999	Caterpillar	XCPXL10.5MRG	10.5
1999	Caterpillar	XCPXL12.0ERM	12
1999	Caterpillar	XCPXL14.6ERK	14.6
1999	Caterpillar	XCPXL14.6MRC	14.6
1999	Caterpillar	XCPXL14.6MRJ	14.6
1999	Caterpillar	XCPXL15.8ERK	15.8
1999	Caterpillar	XCPXL18.0HRK	18
1999	Caterpillar	XCPXL18.0HRN	18
1999	Caterpillar	XCPXL18.0MRJ	18
1999	Caterpillar	XCPXL27.0HRK	27
1999	Caterpillar	XCPXL27.0HRN	27
1999	Caterpillar	XCPXL27.0HRP	27
1999	Caterpillar	XCPXL27.0MRH	27
1999	Caterpillar	XCPXL27.0MRJ	27
1999	Cummins	XCEXL019.AAA	19
1999	Cummins	XCEXL019.AAB	19
1999	Cummins	XCEXL0359ABA	5.9
1999	Cummins	XCEXL0359ABB	5.9
1999	Cummins	XCEXL0505AAA	8.3
1999	Cummins	XCEXL0505ABA	8.3
1999	Cummins	XCEXL0505ABB	8.3
1999	Cummins	XCEXL0505ABC	8.3

Model Year	Manufacturer	Engine Family	Displacement (L)
1999	Cummins	XCEXL0505ACA	8.3
1999	Cummins	XCEXL0661AAA	10.8
1999	Cummins	XCEXL0661AAB	10.8
1999	Cummins	XCEXL0855AAA	14
1999	Cummins	XCEXL0855AAB	14
1999	Daewoo	XDWXL08.1APA	8.1
1999	Daewoo	XDWXL11.1BHT	11.1
1999	Daewoo	XDWXL11.1BIA	11.1
1999	Daewoo	XDWXL14.6CVT	14.6
1999	Daimler-Benz	XMBXL12.0RJA	11.9
1999	Daimler-Benz	XMBXL15.9RJA	15.9
1999	DaimlerChrysler	XMBXL12.9R6A	13
1999	DaimlerChrysler	XMBXL14.6R6A	14.6
1999	DaimlerChrysler	XMBXL14.6R6B	15.1
1999	DaimlerChrysler	XMBXL21.9R6A	22
1999	DaimlerChrysler	XMBXL5.96R6A	6
1999	DaimlerChrysler	XMBXL6.37RJA	6.4
1999	Deere	XJDXL06.8012	6.8
1999	Deere	XJDXL06.8013	6.8
1999	Deere	XJDXL06.8014	6.8
1999	Deere	XJDXL06.8015	6.8
1999	Deere	XJDXL08.1007	8.1
1999	Deere	XJDXL08.1008	8.1
1999	Deere	XJDXL08.1009	8.1
1999	Deere	XJDXL08.1019	8.1
1999	Deere	XJDXL08.1024	8.1
1999	Deere	XJDXL10.1006	10.1
1999	Deere	XJDXL10.5003	10.5
1999	Deere	XJDXL10.5004	10.5
1999	Deere	XJDXL10.5022	10.5
1999	Deere	XJDXL12.5001	12.5
1999	Deere	XJDXL12.5002	12.5
1999	Deere	XJDXL12.5020	12.5
1999	Deere	XJDXL12.5021	12.5
1999	Detroit Diesel Corporation	XDDXL04.7TAE	4.7
1999	Detroit Diesel Corporation	XDDXL05.2TMD	5.2
1999	Detroit Diesel Corporation	XDDXL08.5TJD	8.5
1999	Detroit Diesel Corporation	XDDXL11.1THD	11.1
1999	Detroit Diesel Corporation	XDDXL12.7TGD	12.7
1999	Detroit Diesel Corporation	XDDXL14.0TLD	14
1999	Detroit Diesel Corporation	XDDXL15.9TRE	15.9
1999	Detroit Diesel Corporation	XDDXL23.9TRE	23.9
1999	Deutz	XDZXL06.1008	6.1
1999	Deutz	XDZXL07.1004	7.2
1999	Deutz	XDZXL07.1005	7.2
1999	Deutz	XDZXL15.9002	15.9
1999	Deutz	XDZXL15.9003	15.9
1999	Deutz	XDZXL17.5001	17.5
1999	Generac Corporation	XGNXL12.0MAA	12
1999	Generac Corporation	XGNXL13.3HTA	13.3
1999	Hino	XHXML06.7HTD	6.7

Model Year	Manufacturer	Engine Family	Displacement (L)
1999	Hino	XHMXL08.8PTD	8.8
1999	Hino	XHMXL12.8KTJ	12.8
1999	Hino	XHMXL13.3KTA	13.3
1999	International	XNVXL0466ANA	7.6
1999	International	XNVXL0466BNA	7.6
1999	International	XNVXL0530ANA	8.7
1999	International	XNVXL0530ANB	8.7
1999	International	XNVXL0530ANC	8.7
1999	International	XNVXL0530AND	8.7
1999	International	XNVXL0530BNA	8.7
1999	International	XNVXL0530BNB	8.7
1999	International	XNVXL0530BNC	8.7
1999	International	XNVXL0530BND	8.7
1999	Isuzu	XSZXL09.8DTA	9.8
1999	Isuzu	XSZXL09.8DTB	9.8
1999	Isuzu	XSZXL13.7DTA	13.7
1999	Iveco	XEVXL09.5DAR	9.5
1999	Iveco	XVEXL07.7DAR	7.7
1999	Iveco	XVEXL13.8DAR	13.8
1999	Komatsu	XKLXL11.0DA1	11
1999	Komatsu	XKLXL11.0DB1	11
1999	Komatsu	XKLXL11.0DC1	11
1999	Komatsu	XKLXL15.2EB1	15.2
1999	Komatsu	XKLXL15.2EC1	15.2
1999	Komatsu	XKLXL15.2ED1	15.2
1999	Komatsu	XKLXL23.2FB1	23.2
1999	Komatsu	XKLXL23.2FC1	23.2
1999	Komatsu	XKLXL23.2FD1	23.2
1999	Komatsu	XKLXL23.2FD2	23.2
1999	Komatsu	XKLXL7.15CB1	7.2
1999	Komatsu	XKLXL7.15CC1	7.2
1999	Komatsu Dresser	XKDXL0359ABA	5.9
1999	Komatsu Dresser	XKDXL0505AAA	8.3
1999	Komatsu Dresser	XKDXL0505ABB	8.3
1999	Komatsu Dresser	XKDXL0505ACA	8.3
1999	Liebherr Machines Bulle SA	XLHAL17.2ARA	17.2
1999	Liebherr Machines Bulle SA	XLHAL17.2ATA	17.2
1999	Liebherr Machines Bulle SA	XLHAL9.96ARA	10
1999	Liebherr Machines Bulle SA	XLHAL9.96ASA	10
1999	Liebherr Machines Bulle SA	XLHAL9.96ATA	10
1999	Mitsubishi Motors	XMTXL07.5D6A	7.5
1999	Mitsubishi Motors	XMTXL07.5D6C	7.5
1999	Mitsubishi Motors	XMTXL11.9D6A	11.9
1999	Mitsubishi Motors	XMTXL11.9D6B	11.9
1999	New Holland	XNHXL07.5A3V	7.5
1999	Volvo Construction Equipment	XVSXL06.7CE1	6.7
1999	Volvo Construction Equipment	XVSXL09.6CE1	9.6
1999	Volvo Construction Equipment	XVSXL12.0CE1	12
1999	Volvo Construction Equipment	XVSXL16.0CE1	16
		YVPXL05.5ABA	

Model Year	Manufacturer	Engine Family	Displacement (L)
2000	AB Volvo Penta	YVPXL06.7AAA	6.7
2000	AB Volvo Penta	YVPXL06.7ABA	6.7
2000	AB Volvo Penta	YVPXL07.3ABB	7.3
2000	AB Volvo Penta	YVPXL07.3ACB	7.3
2000	AB Volvo Penta	YVPXL09.6AAA	9.6
2000	AB Volvo Penta	YVPXL09.6ABA	9.6
2000	AB Volvo Penta	YVPXL09.6ACB	9.6
2000	AB Volvo Penta	YVPXL12.0ABA	12
2000	AB Volvo Penta	YVPXL12.0ACB	12
2000	AB Volvo Penta	YVPXL16.0ACB	16.1
2000	Case	YX9XL0359ABA	5.9
2000	Case	YX9XL0359ABB	5.9
2000	Case	YX9XL0505AAA	8.3
2000	Case	YX9XL0505ABA	8.3
2000	Case	YX9XL0505ABB	8.3
2000	Case	YX9XL0505ABC	8.3
2000	Case	YX9XL0505ACA	8.3
2000	Caterpillar	YCPXL06.6MRB	6.6
2000	Caterpillar	YCPXL06.6MRC	6.6
2000	Caterpillar	YCPXL07.0MRB	7
2000	Caterpillar	YCPXL07.2HRK	7.2
2000	Caterpillar	YCPXL07.2MRB	7.2
2000	Caterpillar	YCPXL07.2MRC	7.2
2000	Caterpillar	YCPXL10.3ERK	10.3
2000	Caterpillar	YCPXL10.4MRA	10.4
2000	Caterpillar	YCPXL10.4MRB	10.4
2000	Caterpillar	YCPXL10.4MRC	10.4
2000	Caterpillar	YCPXL10.5MRD	10.5
2000	Caterpillar	YCPXL10.5MRF	10.5
2000	Caterpillar	YCPXL10.5MRG	10.5
2000	Caterpillar	YCPXL12.0ERM	12
2000	Caterpillar	YCPXL14.6ERK	14.6
2000	Caterpillar	YCPXL14.6MRC	14.6
2000	Caterpillar	YCPXL14.6MRJ	14.6
2000	Caterpillar	YCPXL15.8ERK	15.8
2000	Caterpillar	YCPXL15.8ERK	15.8
2000	Caterpillar	YCPXL18.0HRK	18
2000	Caterpillar	YCPXL18.0HRN	18
2000	Caterpillar	YCPXL18.0MRJ	18
2000	Caterpillar	YCPXL27.0HRK	27
2000	Caterpillar	YCPXL27.0HRN	27
2000	Caterpillar	YCPXL27.0HRP	27
2000	Caterpillar	YCPXL27.0HRP	27
2000	Caterpillar	YCPXL27.0MRH	27
2000	Caterpillar	YCPXL27.0MRH	27
2000	Caterpillar	YCPXL27.0MRJ	27
2000	Caterpillar	YCPXL34.5ERK	34.5
2000	Cummins	YCEXL015.ABA	15
2000	Cummins	YCEXL015.ACA	15
2000	Cummins	YCEXL019.AAA	19
2000	Cummins	YCEXL019.AAB	19

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Model Year	Manufacturer	Engine Family	Displacement (L)
2000	Cummins	YCEXL030.AAA	30
2000	Cummins	YCEXL030.AAA	30
2000	Cummins	YCEXL0359ABA	5.9
2000	Cummins	YCEXL0359ABB	5.9
2000	Cummins	YCEXL0505AAA	8.3
2000	Cummins	YCEXL0505ABA	8.3
2000	Cummins	YCEXL0505ABB	8.3
2000	Cummins	YCEXL0505ABC	8.3
2000	Cummins	YCEXL0505ACA	8.3
2000	Cummins	YCEXL0661AAA	11
2000	Cummins	YCEXL0661AAB	11
2000	Cummins	YCEXL0855AAA	14
2000	Cummins	YCEXL0855AAB	14
2000	Daewoo	YDWXL08.1APA	8.1
2000	DaimlerChrysler	YMBXL12.0RJA	12
2000	DaimlerChrysler	YMBXL12.0RJB	12
2000	DaimlerChrysler	YMBXL12.9R6A	10
2000	DaimlerChrysler	YMBXL14.6R6A	14.6
2000	DaimlerChrysler	YMBXL14.6R6B	14.6
2000	DaimlerChrysler	YMBXL15.9RJA	15.9
2000	DaimlerChrysler	YMBXL21.9R6A	22
2000	DaimlerChrysler	YMBXL5.96R6A	6
2000	DaimlerChrysler	YMBXL6.37RJA	6.4
2000	Deere	YJDXL06.8012	6.8
2000	Deere	YJDXL06.8013	6.8
2000	Deere	YJDXL06.8014	6.8
2000	Deere	YJDXL06.8015	6.8
2000	Deere	YJDXL08.1007	8.1
2000	Deere	YJDXL08.1008	8.1
2000	Deere	YJDXL08.1009	8.1
2000	Deere	YJDXL08.1019	8.1
2000	Deere	YJDXL08.1024	8.1
2000	Deere	YJDXL10.1006	10.1
2000	Deere	YJDXL10.5004	10.5
2000	Deere	YJDXL10.5022	10.5
2000	Deere	YJDXL12.5001	12.5
2000	Deere	YJDXL12.5002	12.5
2000	Deere	YJDXL12.5020	12.5
2000	Deere	YJDXL12.5021	12.5
2000	Detroit Diesel Corporation	YDDXL04.7TAE	4.7
2000	Detroit Diesel Corporation	YDDXL05.2TDM	5.2
2000	Detroit Diesel Corporation	YDDXL08.5TJD	8.5
2000	Detroit Diesel Corporation	YDDXL11.1THD	11.1
2000	Detroit Diesel Corporation	YDDXL12.7TGD	12.7
2000	Detroit Diesel Corporation	YDDXL14.0TLD	14
2000	Detroit Diesel Corporation	YDDXL15.9TRE	15.9
2000	Detroit Diesel Corporation	YDDXL23.9TRE	23.9
2000	Detroit Diesel Corporation	YDDXL31.8VRE	31.8
2000	Deutz	YDZXL06.1008	6.1
	Deutz		

Model Year	Manufacturer	Engine Family	Displacement (L)
2000	Deutz	YDZXL15.9002	11.9
2000	Deutz	YDZXL15.9003	11.9
2000	Deutz	YDZXL17.5001	17.5
2000	Generac Corporation	YGNXL12.0MAA	12
2000	Generac Corporation	YGNXL13.3HAA	13.3
2000	Generac Corporation	YGNXL13.3HTA	13.3
2000	Generac Corporation	YGNXL16.0MAA	16
2000	Hino	YHMXL06.7HTD	6.7
2000	Hino	YHMXL08.8PTD	8.8
2000	Hino	YHMXL12.8KTJ	12.9
2000	Hino	YHMXL13.3KTA	13.3
2000	International	YNVXL0466ANA	7.6
2000	International	YNVXL0530ANA	8.7
2000	International	YNVXL0530ANB	8.7
2000	International	YNVXL0530ANC	8.7
2000	International	YNVXL0530AND	8.7
2000	Ishikawajima-Shibaura	YH3XM.451M10	0.45
2000	Ishikawajima-Shibaura	YH3XM.676M20	0.67
2000	Isuzu	YSZXL06.5EXA	6.5
2000	Isuzu	YSZXL07.8EXA	7.8
2000	Isuzu	YSZXL09.8ATA	9.8
2000	Isuzu	YSZXL09.8ATB	9.8
2000	Isuzu	YSZXL13.7ATA	13.7
2000	Iveco	YVEXL07.7DAR	7.7
2000	Iveco	YVEXL09.5DAR	9.5
2000	Iveco	YVEXL13.8DAR	13.8
2000	Komatsu	YKLXL030.AAA	30
2000	Komatsu	YKLXL0359ABA	5.9
2000	Komatsu	YKLXL0505AAA	8.3
2000	Komatsu	YKLXL0505ABB	8.3
2000	Komatsu	YKLXL0505ACA	8.3
2000	Komatsu	YKLXL11.0DA1	11
2000	Komatsu	YKLXL11.0DB1	11
2000	Komatsu	YKLXL11.0DC1	11
2000	Komatsu	YKLXL11.0DC1	11
2000	Komatsu	YKLXL15.2EB1	15.2
2000	Komatsu	YKLXL15.2EC1	15.2
2000	Komatsu	YKLXL15.2ED1	15.2
2000	Komatsu	YKLXL23.2FB1	23.2
2000	Komatsu	YKLXL23.2FC1	23.2
2000	Komatsu	YKLXL23.2FC2	23.2
2000	Komatsu	YKLXL23.2FD1	23.2
2000	Komatsu	YKLXL23.2FD1	23.2
2000	Komatsu	YKLXL23.2FD2	23.2
2000	Komatsu	YKLXL7.15CB1	7.2
2000	Komatsu	YKLXL7.15CC1	7.2
2000	Komatsu	YKLXL7.15CD1	7.15
2000	Kubota	YKBXL.400KCB	0.4
2000	Kubota	YKBXL.400KCC	0.4
		YLHAL17.2ATA	

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Model Year	Manufacturer	Engine Family	Displacement (L)
2000	Liebherr Machines Bulle SA	YLHAL9.96ARA	10
2000	Liebherr Machines Bulle SA	YLHAL9.96ASA	10
2000	Liebherr Machines Bulle SA	YLHAL9.96ATA	10
2000	Lister-Petter	YL5XL1.86FWS	0.93
2000	Lombardini Motori	YLBDSL.916F69	0.92
2000	Mitsubishi Motors	YMTXL05.8D3A	5.8
2000	Mitsubishi Motors	YMTXL07.5D6A	7.5
2000	Mitsubishi Motors	YMTXL07.5D6C	7.5
2000	Mitsubishi Motors	YMTXL11.9D2A	11.9
2000	Mitsubishi Motors	YMTXL11.9D6A	11.9
2000	Mitsubishi Motors	YMTXL11.9D6B	11.9
2000	New Holland	YNHXL07.5A3V	7.5
2000	Volvo Construction Equipment	YVSXL06.7CE1	6.7
2000	Volvo Construction Equipment	YVSXL09.6CE1	9.6
2000	Volvo Construction Equipment	YVSXL12.0CE1	12
2000	Volvo Construction Equipment	YVSXL16.0CE1	16.1
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2001	AB Volvo Penta	1VPXL05.5AAA	5.5
2001	AB Volvo Penta	1VPXL05.5ABA	5.5
2001	AB Volvo Penta	1VPXL06.7AAA	6.7
2001	AB Volvo Penta	1VPXL06.7ABA	6.7
2001	AB Volvo Penta	1VPXL07.3ABB	7.3
2001	AB Volvo Penta	1VPXL07.3ACB	7.3
2001	AB Volvo Penta	1VPXL09.6AAA	9.6
2001	AB Volvo Penta	1VPXL09.6ABA	9.6
2001	AB Volvo Penta	1VPXL09.6ACB	9.6
2001	AB Volvo Penta	1VPXL12.1ACB	12.1
2001	AB Volvo Penta	1VPXL16.0ACB	16.1
2001	Case	1X9XL0239AAA	3.9
2001	Case	1X9XL0239AAB	3.9
2001	Case	1X9XL0239AAC	3.9
2001	Case	1X9XL0239ABA	3.9
2001	Case	1X9XL0239ACA	3.9
2001	Case	1X9XL0239ADA	3.9
2001	Case	1X9XL0359AAA	5.9
2001	Case	1X9XL0359ABA	5.9
2001	Case	1X9XL0505AAA	8.3
2001	Case	1X9XL0505ABA	8.3
2001	Case	1X9XL0505ABB	8.3
2001	Case	1X9XL0505ABC	8.3
2001	Case	1X9XL0505ACA	8.3
2001	Case	1X9XL0505ACC	8.3
2001	Case	1X9XL0540AAA	8.8
2001	Caterpillar	1CPXL04.4MRA	4.4
2001	Caterpillar	1CPXL06.6MRA	6.6
2001	Caterpillar	1CPXL06.6MRB	6.6
2001	Caterpillar	1CPXL06.6MRC	6.6
2001	Caterpillar	1CPXL07.0MRA	7
2001	Caterpillar	1CPXL07.0MRB	7
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		1CPXL07.2HSK	

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Model Year	Manufacturer	Engine Family	Displacement (L)
2001	Caterpillar	1CPXL07.2MRB	7.2
2001	Caterpillar	1CPXL07.2MRC	7.2
2001	Caterpillar	1CPXL08.8HSK	8.8
2001	Caterpillar	1CPXL10.3ESK	10.3
2001	Caterpillar	1CPXL10.4MRA	10.4
2001	Caterpillar	1CPXL10.4MRB	10.4
2001	Caterpillar	1CPXL10.4MRC	10.4
2001	Caterpillar	1CPXL10.5MRD	10.5
2001	Caterpillar	1CPXL10.5MRF	10.5
2001	Caterpillar	1CPXL10.5MRG	10.5
2001	Caterpillar	1CPXL12.0ESK	12
2001	Caterpillar	1CPXL14.6ERK	14.6
2001	Caterpillar	1CPXL14.6ESK	14.6
2001	Caterpillar	1CPXL14.6MRJ	14.6
2001	Caterpillar	1CPXL15.8ERK	15.8
2001	Caterpillar	1CPXL15.8ESK	15.8
2001	Caterpillar	1CPXL18.0HRK	18
2001	Caterpillar	1CPXL18.0HRN	18
2001	Caterpillar	1CPXL18.0HSK	18
2001	Caterpillar	1CPXL27.0HRK	27
2001	Caterpillar	1CPXL27.0HRN	27.0
2001	Caterpillar	1CPXL27.0HRP	27
2001	Caterpillar	1CPXL27.0MRH	27.0
2001	Caterpillar	1CPXL27.0MRJ	27.0
2001	Cummins	1CEXL015.AAA	15
2001	Cummins	1CEXL015.ABA	15
2001	Cummins	1CEXL019.AAB	19.0
2001	Cummins	1CEXL019.AAC	19
2001	Cummins	1CEXL0239ACA	3.9
2001	Cummins	1CEXL0239AAA	3.9
2001	Cummins	1CEXL0239AAC	3.9
2001	Cummins	1CEXL0239ABA	3.9
2001	Cummins	1CEXL0239ACA	3.9
2001	Cummins	1CEXL0239ADA	3.9
2001	Cummins	1CEXL0239AEA	3.9
2001	Cummins	1CEXL0239AFA	3.9
2001	Cummins	1CEXL03.3AAA	3.26
2001	Cummins	1CEXL03.3AAB	3.26
2001	Cummins	1CEXL030.AAA	30
2001	Cummins	1CEXL0359AAA	5.9
2001	Cummins	1CEXL0359ABA	5.9
2001	Cummins	1CEXL0359ABB	5.9
2001	Cummins	1CEXL0359ABC	5.9
2001	Cummins	1CEXL0359ABD	5.9
2001	Cummins	1CEXL0359ACA	5.9
2001	Cummins	1CEXL0359ADA	5.9
2001	Cummins	1CEXL0505AAA	8.3
2001	Cummins	1CEXL0505ABA	8.3
2001	Cummins	1CEXL0505ABB	8.3
		1CEXL0505ACA	

Model Year	Manufacturer	Engine Family	Displacement (L)
2001	Cummins	1CEXL0505ACB	8.3
2001	Cummins	1CEXL0505ACC	8.3
2001	Cummins	1CEXL0505ACD	8.3
2001	Cummins	1CEXL0505ACE	8.3
2001	Cummins	1CEXL0540AAA	8.8
2001	Cummins	1CEXL0661AAA	10.8
2001	Cummins	1CEXL0661AAB	10.8
2001	Cummins	1CEXL0661AAC	11
2001	Cummins	1CEXL0661AAD	10.9
2001	Daewoo	1DWXL03.3AMN	3.3
2001	Daewoo	1DWXL03.3BMA	3.3
2001	Daewoo	1DWXL03.3LMN	3.3
2001	Daewoo	1DWXL05.8AOA	5.8
2001	Daewoo	1DWXL05.8ARN	5.8
2001	Daewoo	1DWXL08.1ACN	8.1
2001	Daewoo	1DWXL08.1APA	8.1
2001	Daewoo	1DWXL08.1BPA	8.1
2001	Daewoo	1DWXL2.37ANT	2.4
2001	Daewoo	1DWXL11.1BIA	11.1
2001	Daewoo	1DWXL14.6AZA	14.6
2001	Daewoo	1DWXL14.6CVT	14.6
2001	Daewoo	1DWXL18.3ASA	18.3
2001	Daewoo	1DWXL21.9AYA	21.9
2001	Daihatsu	1DHXL.6972D1	0.70
2001	Daihatsu	1DHXL.9532D1	0.95
2001	Daihatsu	1DHXL.9532DT	0.95
2001	DaimlerChrysler	1MBXL4.25RJA	4.25
2001	DaimlerChrysler	1MBXL12.0RJB	12
2001	DaimlerChrysler	1MBXL12.0RJC	12
2001	DaimlerChrysler	1MBXL12.9R6A	10
2001	DaimlerChrysler	1MBXL14.6R6A	11
2001	DaimlerChrysler	1MBXL14.6R6B	14.6
2001	DaimlerChrysler	1MBXL15.9RJA	15.9
2001	DaimlerChrysler	1MBXL21.9R6A	22
2001	DaimlerChrysler	1MBXL5.96R6A	6.0
2001	DaimlerChrysler	1MBXL6.37RJA	6.4
2001	DaimlerChrysler	1MBXL6.37RJB	6.4
2001	DaimlerChrysler	1MBXL7.20RJA	7.2
2001	Deere	1JDXL02.9017	2.9
2001	Deere	1JDXL02.9018	2.9
2001	Deere	1JDXL02.9023	2.9
2001	Deere	1JDXL04.5025	4.5
2001	Deere	1JDXL04.5028	4.5
2001	Deere	1JDXL06.8012	6.8
2001	Deere	1JDXL06.8013	6.8
2001	Deere	1JDXL06.8014	6.8
2001	Deere	1JDXL06.8015	6.8
2001	Deere	1JDXL06.8016	6.8
2001	Deere	1JDXL06.8038	6.8
2001	Deere	1JDXL06.8039	6.8
2001	Deere	1JDXL08.1007	8.1

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Model Year	Manufacturer	Engine Family	Displacement (L)
2001	Deere	1JDXL08.1008	8.1
2001	Deere	1JDXL08.1009	8.1
2001	Deere	1JDXL08.1019	8.1
2001	Deere	1JDXL08.1024	8.1
2001	Deere	1JDXL08.1036	8.1
2001	Deere	1JDXL08.1037	8.1
2001	Deere	1JDXL10.1006	10.1
2001	Deere	1JDXL12.5002	12.5
2001	Deere	1JDXL12.5029	12.5
2001	Deere	1JDXL12.5035	12.5
2001	Detroit Diesel Corporation	1DDXL04.7TAE	4.7
2001	Detroit Diesel Corporation	1DDXL08.5TJD	8.5
2001	Detroit Diesel Corporation	1DDXL08.5YJD	8.5
2001	Detroit Diesel Corporation	1DDXL12.7VGD	12.7
2001	Detroit Diesel Corporation	1DDXL14.0VLD	14
2001	Detroit Diesel Corporation	1DDXL14.0WLD	14
2001	Detroit Diesel Corporation	1DDXL15.9WRE	15.9
2001	Detroit Diesel Corporation	1DDXL23.9WRE	23.9
2001	Detroit Diesel Corporation	1DDXL31.8XRE	15.9
2001	Deutz	1DZXL00.9024	0.92
2001	Deutz	1DZXL02.7014	2.7
2001	Deutz	1DZXL02.7015	2.7
2001	Deutz	1DZXL02.7018	2.7
2001	Deutz	1DZXL02.9012	2.9
2001	Deutz	1DZXL02.9013	2.9
2001	Deutz	1DZXL02.9017	2.9
2001	Deutz	1DZXL03.8016	3.8
2001	Deutz	1DZXL04.8006	4.8
2001	Deutz	1DZXL04.8007	4.8
2001	Deutz	1DZXL05.7011	5.7
2001	Deutz	1DZXL05.7019	5.7
2001	Deutz	1DZXL06.1008	6.13
2001	Deutz	1DZXL06.1009	6.13
2001	Deutz	1DZXL06.1010	6.13
2001	Deutz	1DZXL07.1004	7.2
2001	Deutz	1DZXL07.1005	7.2
2001	Deutz	1DZXL15.9002	11.9
2001	Deutz	1DZXL15.9003	11.9
2001	Deutz	1DZXL17.5001	17.5
2001	Fuji	1FJXL.4122DA	0.41
2001	Generac Corporation	1GNXL03.0KNA	3.0
2001	Generac Corporation	1GNXL03.0KTA	3.0
2001	Generac Corporation	1GNXL04.0HAA	4.0
2001	Generac Corporation	1GNXL04.0HNA	4.0
2001	Generac Corporation	1GNXL05.0FAA	5.0
2001	Generac Corporation	1GNXL17.0FAA	17.0
2001	Hino	1HMXL04.0WDF	4.0
2001	Hino	1HMXL06.7HTD	6.7
2001	Hino	1HMXL08.8PTD	8.8
		1NVXL0466ANA	

Model Year	Manufacturer	Engine Family	Displacement (L)
2001	International	1NVXL0530ANA	8.7
2001	International	1NVXL0530ANB	8.7
2001	International	1NVXL0530ANC	8.7
2001	International	1NVXL0530AND	8.7
2001	International	1NVXL0530ANE	8.7
2001	International	1NVXL0530ANF	8.7
2001	Ishikawajima-Shibaura	1H3XL.451E2V	0.45
2001	Ishikawajima-Shibaura	1H3XL.676E3V	0.68
2001	Ishikawajima-Shibaura	1H3XL.676LCS	0.68
2001	Ishikawajima-Shibaura	1H3XL.761ELV	0.76
2001	Ishikawajima-Shibaura	1H3XL.761LCS	0.76
2001	Ishikawajima-Shibaura	1H3XL.954S5C	0.95
2001	Ishikawajima-Shibaura	1H3XL.954S5V	0.95
2001	Ishikawajima-Shibaura	1H3XL1.00S7V	1.0
2001	Ishikawajima-Shibaura	1H3XL1.13LCS	1.1
2001	Ishikawajima-Shibaura	1H3XL1.13MSL	1.1
2001	Ishikawajima-Shibaura	1H3XL1.13SLV	1.1
2001	Ishikawajima-Shibaura	1H3XL1.33J3C	1.3
2001	Ishikawajima-Shibaura	1H3XL1.33J3V	1.3
2001	Ishikawajima-Shibaura	1H3XL1.33J84	1.3
2001	Ishikawajima-Shibaura	1H3XL1.49N3C	1.5
2001	Ishikawajima-Shibaura	1H3XL2.00N4T	2
2001	Ishikawajima-Shibaura	1H3XL2.00N84	1.5
2001	Ishikawajima-Shibaura	1H3XL2.00NCS	2.0
2001	Ishikawajima-Shibaura	1H3XL2.22L84	1.7
2001	Ishikawajima-Shibaura	1H3XL2.22N4L	2.2
2001	Ishikawajima-Shibaura	1H3XL2.22NLC	2.2
2001	Ishikawajima-Shibaura	1H3XM.451M10	0.45
2001	Ishikawajima-Shibaura	1H3XM.676M20	0.68
2001	Ishikawajima-Shibaura	1H3XM.954M30	0.95
2001	Ishikawajima-Shibaura	1H3XM1.49M40	1.5
2001	Isuzu	1SZXL00.9WNA	0.90
2001	Isuzu	1SZXL01.1WNA	1.1
2001	Isuzu	1SZXL01.1YNA	1.1
2001	Isuzu	1SZXL01.5DNA	1.5
2001	Isuzu	1SZXL01.5WNA	1.5
2001	Isuzu	1SZXL01.5YNA	1.5
2001	Isuzu	1SZXL01.5YNB	1.5
2001	Isuzu	1SZXL01.5YNC	1.5
2001	Isuzu	1SZXL01.7DNA	1.7
2001	Isuzu	1SZXL01.7YNA	1.5
2001	Isuzu	1SZXL02.2CNA	2.2
2001	Isuzu	1SZXL02.2CNB	2.2
2001	Isuzu	1SZXL02.2DNA	2.2
2001	Isuzu	1SZXL02.2YNA	2.2
2001	Isuzu	1SZXL02.2YNB	2.2
2001	Isuzu	1SZXL02.2YNC	2.2
2001	Isuzu	1SZXL02.4CNA	2.4
2001	Isuzu	1SZXL02.4YNA	2.4
		1SZXL02.5CNA	

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Model Year	Manufacturer	Engine Family	Displacement (L)
2001	Isuzu	1SZXL02.8CNA	2.8
2001	Isuzu	1SZXL02.8CNB	2.8
2001	Isuzu	1SZXL02.8CTA	2.8
2001	Isuzu	1SZXL03.1CNC	3.1
2001	Isuzu	1SZXL03.1GNA	3.1
2001	Isuzu	1SZXL03.1GTA	3.1
2001	Isuzu	1SZXL03.1YNB	3.1
2001	Isuzu	1SZXL03.1YNC	3.1
2001	Isuzu	1SZXL04.3BTA	4.3
2001	Isuzu	1SZXL04.3CNA	4.3
2001	Isuzu	1SZXL04.3FTA	4.3
2001	Isuzu	1SZXL04.3FXA	4.3
2001	Isuzu	1SZXL04.3GTA	4.3
2001	Isuzu	1SZXL04.3GXA	4.3
2001	Isuzu	1SZXL06.5BNA	6.5
2001	Isuzu	1SZXL06.5BTA	6.5
2001	Isuzu	1SZXL06.5EXA	6.5
2001	Isuzu	1SZXL06.5FTA	6.5
2001	Isuzu	1SZXL06.5FXA	6.5
2001	Isuzu	1SZXL07.8ATA	7.8
2001	Isuzu	1SZXL07.8EXA	7.8
2001	Isuzu	1SZXL09.8ATA	9.8
2001	Isuzu	1SZXL09.8ATB	9.8
2001	Isuzu	1SZXL09.8EXA	9.8
2001	Isuzu	1SZXL15.7ETA	15.7
2001	Isuzu	1SZXL15.7EXA	15.7
2001	Iveco	1VEXL05.9DAR	5.9
2001	Iveco	1VEXL05.9DAS	5.9
2001	Iveco	1VEXL05.9DAT	5.9
2001	Iveco	1VEXL05.9GST	5.9
2001	Iveco	1VEXL07.7DAR	7.7
2001	Iveco	1VEXL07.8CRS	7.8
2001	Iveco	1VEXL09.5DAR	9.5
2001	Iveco	1VEXL10.3CRS	10.3
2001	Iveco	1VEXL12.9CRS	12.9
2001	Komatsu	1KLXL0239AAA	3.9
2001	Komatsu	1KLXL0239ABA	3.9
2001	Komatsu	1KLXL0239ACA	3.9
2001	Komatsu	1KLXL0239ADA	3.9
2001	Komatsu	1KLXL03.3JA1	3.3
2001	Komatsu	1KLXL03.3JB1	3.3
2001	Komatsu	1KLXL030.AAA	30
2001	Komatsu	1KLXL0359AAA	5.9
2001	Komatsu	1KLXL0359ABA	5.9
2001	Komatsu	1KLXL0359ABC	5.9
2001	Komatsu	1KLXL0359ACA	5.9
2001	Komatsu	1KLXL0505AAA	8.3
2001	Komatsu	1KLXL0505ABB	8.3
		1KLXL0505ACA	

Model Year	Manufacturer	Engine Family	Displacement (L)
2001	Komatsu	1KLXL11.0DC1	11
2001	Komatsu	1KLXL11.0DD3	11
2001	Komatsu	1KLXL11.0DD4	11
2001	Komatsu	1KLXL15.2EB1	15.2
2001	Komatsu	1KLXL15.2EC3	15.2
2001	Komatsu	1KLXL15.2ED3	15.2
2001	Komatsu	1KLXL23.2FC1	23.2
2001	Komatsu	1KLXL23.2FC2	23.2
2001	Komatsu	1KLXL23.2FC3	23.2
2001	Komatsu	1KLXL23.2FD1	23.2
2001	Komatsu	1KLXL23.2FD2	23.2
2001	Komatsu	1KLXL23.2FD3	23.2
2001	Komatsu	1KLXL7.15CB1	7.2
2001	Komatsu	1KLXL7.15CC1	7.2
2001	Komatsu	1KLXL7.15CD1	7.2
2001	Kubota	1KBXL.276KCB	0.28
2001	Kubota	1KBXL.309KCB	0.31
2001	Kubota	1KBXL.400KCB	0.40
2001	Kubota	1KBXL.400KCC	0.40
2001	Kubota	1KBXL.416KCB	0.42
2001	Kubota	1KBXL.570KCC	0.57
2001	Kubota	1KBXL.719KCB	0.48
2001	Kubota	1KBXL.719KCC	0.48
2001	Kubota	1KBXL.778KCB	0.78
2001	Kubota	1KBXL01.0BCB	0.90
2001	Kubota	1KBXL01.1BCB	1.1
2001	Kubota	1KBXL01.2BCD	0.90
2001	Kubota	1KBXL01.3BCC	0.90
2001	Kubota	1KBXL01.3BCD	1.0
2001	Kubota	1KBXL01.4FCC	1.4
2001	Kubota	1KBXL01.5BAD	1.1
2001	Kubota	1KBXL01.5BCC	1.1
2001	Kubota	1KBXL01.5BCD	1.1
2001	Kubota	1KBXL01.5FAD	1.5
2001	Kubota	1KBXL01.5FCD	1.5
2001	Kubota	1KBXL01.9FCC	1.9
2001	Kubota	1KBXL01.9FCD	1.4
2001	Kubota	1KBXL02.0FAC	2.0
2001	Kubota	1KBXL02.0FAD	2.0
2001	Kubota	1KBXL02.2ECC	2.2
2001	Kubota	1KBXL02.2ECD	2.2
2001	Kubota	1KBXL02.2FCC	1.6
2001	Kubota	1KBXL02.2FCD	1.6
2001	Kubota	1KBXL02.2GCD	1.6
2001	Kubota	1KBXL02.4ECD	1.8
2001	Kubota	1KBXL02.4FCD	2.4
2001	Kubota	1KBXL02.4GCD	2.4
2001	Kubota	1KBXL02.4HCD	2.4
2001	Kubota	1KBXL02.8BCC	2.8
2001	Kubota	1KBXL03.3AAD	3.3
2001	Kubota	1KBXL03.3ACD	3.3

Model Year	Manufacturer	Engine Family	Displacement (L)
2001	Kubota	1KBXL03.3BAC	3.3
2001	Kubota	1KBXL03.3BAD	3.3
2001	Kubota	1KBXL03.3BCC	3.3
2001	Kubota	1KBXL03.3BCD	3.3
2001	Liebherr Machines Bulle SA	1LHAL17.2ARA	12.9
2001	Liebherr Machines Bulle SA	1LHAL17.2ATA	12.9
2001	Liebherr Machines Bulle SA	1LHAL17.2AUA	12.9
2001	Liebherr Machines Bulle SA	1LHAL9.96ARA	6.6
2001	Liebherr Machines Bulle SA	1LHAL9.96ASA	6.6
2001	Liebherr Machines Bulle SA	1LHAL9.96ATA	6.6
2001	Liebherr Machines Bulle SA	1LHAL9.96AUA	6.6
2001	Lister-Petter	1L5XL1.862TC	1.86
2001	Lister-Petter	1L5XL1.86FTC	1.9
2001	Lister-Petter	1L5XL1.86FWS	0.93
2001	Lister-Petter	1L5XL1.86LWS	1.4
2001	Lister-Petter	1L5XL2.29VX9	2.29
2001	Lister-Petter	1L5XL3.332DW	3.33
2001	Lombardini Motori	1LBDL.686SF2	0.69
2001	Lombardini Motori	1LBDL.916F69	0.61
2001	Lombardini Motori	1LBDL1.22FO4	1.2
2001	Lombardini Motori	1LBDL1.22FOT	1.2
2001	Lombardini Motori	1LBDL1.37SFO	1.0
2001	Lombardini Motori	1LBDL2.07CHT	2.0
2001	Mazda	1TKXL02.5AAA	2.5
2001	Mazda	1TKXL02.5BAA	2.5
2001	Mazda	1TKXL03.0BAA	3
2001	Mitsubishi Heavy Industries	1MVXL00.6BBB	0.60
2001	Mitsubishi Heavy Industries	1MVXL01.0AAA	1.0
2001	Mitsubishi Heavy Industries	1MVXL01.0BBB	0.60
2001	Mitsubishi Heavy Industries	1MVXL01.3AAA	1.1
2001	Mitsubishi Heavy Industries	1MVXL01.5AAA	1.5
2001	Mitsubishi Heavy Industries	1MVXL01.5BBB	1.5
2001	Mitsubishi Heavy Industries	1MVXL01.8AAA	1.1
2001	Mitsubishi Heavy Industries	1MVXL02.3AAA	2.3
2001	Mitsubishi Heavy Industries	1MVXL02.3BBB	2.3
2001	Mitsubishi Heavy Industries	1MVXL02.5AAA	2.3
2001	Mitsubishi Heavy Industries	1MVXL03.3AAA	3.3
2001	Mitsubishi Heavy Industries	1MVXL05.0AAA	5
2001	Mitsubishi Heavy Industries	1MVXL05.0AAB	5
2001	Mitsubishi Heavy Industries	1MVXL05.0BBB	5
2001	Mitsubishi Heavy Industries	1MVXL06.4AAB	6.4
2001	Mitsubishi Motors	1MTXL02.8M4A	2.8
2001	Mitsubishi Motors	1MTXL03.5D3A	3.5
2001	Mitsubishi Motors	1MTXL04.2D3A	4.2
2001	Mitsubishi Motors	1MTXL05.8D3A	5.9
2001	Mitsubishi Motors	1MTXL05.8D6A	5.9
2001	Mitsubishi Motors	1MTXL07.5D6A	7.5
2001	Mitsubishi Motors	1MTXL07.5D6B	7.5
2001	Mitsubishi Motors	1MTXL07.5D6C	7.5
2001	Mitsubishi Motors	1MTXL11.9D6A	11.9
2001	Mitsubishi Motors	1MTXL11.9D6B	11.9

Model Year	Manufacturer	Engine Family	Displacement (L)
2001	Motorenfabrik Hatz	1HZXL.232C20	0.23
2001	Motorenfabrik Hatz	1HZXL.347C30	0.35
2001	Motorenfabrik Hatz	1HZXL.413C41	0.41
2001	Motorenfabrik Hatz	1HZXL.462C40	0.46
2001	Motorenfabrik Hatz	1HZXL.517C50	0.52
2001	Motorenfabrik Hatz	1HZXL.667C81	0.67
2001	Motorenfabrik Hatz	1HZXL.667C82	0.67
2001	Motorenfabrik Hatz	1HZXL.997V40	1.0
2001	Motorenfabrik Hatz	1HZXL3.43A37	1.7
2001	Motorenfabrik Hatz	1HZXL3.43C19	1.7
2001	MTU-Friedrichshafen	1MTUL21.9R2A	21.9
2001	New Holland	1NHXL03.2A1J	3.2
2001	New Holland	1NHXL05.0A1N	5
2001	New Holland	1NHXL05.0A2P	5
2001	New Holland	1NHXL07.5A2T	7.5
2001	New Holland	1NHXL07.5A2W	7.5
2001	New Holland	1NHXL07.5A3V	7.5
2001	Nissan	1NDXL02.7TNA	2.7
2001	Nissan	1NDXL03.0FNA	3
2001	Nissan	1NDXL04.2TNA	4.2
2001	Nissan	1NDXL06.9FNA	6.9
2001	Perkins	1PKXL02.6UB1	2.6
2001	Perkins	1PKXL02.7CP1	2.7
2001	Perkins	1PKXL02.7CP2	2.7
2001	Perkins	1PKXL02.7CR1	2.7
2001	Perkins	1PKXL03.0UA1	3
2001	Perkins	1PKXL03.0UC1	3
2001	Perkins	1PKXL03.9AK1	3.9
2001	Perkins	1PKXL03.9AM1	3.9
2001	Perkins	1PKXL03.9AT1	3.9
2001	Perkins	1PKXL04.0AJ1	4
2001	Perkins	1PKXL04.2AR1	4.2
2001	Perkins	1PKXL05.9YG1	5.9
2001	Perkins	1PKXL05.9YH1	5.9
2001	Perkins	1PKXL05.9YJ1	5.9
2001	Perkins	1PKXL05.9YK1	5.9
2001	Volkswagen	1VWXL01.9ADE	1.9
2001	Volkswagen	1VWXL01.9ADG	1.9
2001	Volvo Construction Equipment	1VSXL05.5CE1	5.5
2001	Volvo Construction Equipment	1VSXL06.7CE1	6.7
2001	Volvo Construction Equipment	1VSXL09.6CE1	9.6
2001	Volvo Construction Equipment	1VSXL09.6CE2	9.6
2001	Volvo Construction Equipment	1VSXL12.0CE1	12
2001	Volvo Construction Equipment	1VSXL12.1CE2	12.1
2001	Westerbeke	1X7XL03.5AAD	3.5
2001	Yanmar	1YDXL0.22D1N	0.22
2001	Yanmar	1YDXL0.31D1N	0.31
2001	Yanmar	1YDXL0.41D1N	0.41
2001	Yanmar	1YDXL0.49P2N	0.49
2001	Yanmar	1YDXL0.52R2N	0.52
2001	Yanmar	1YDXL0.66P3N	0.66

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Model Year	Manufacturer	Engine Family	Displacement (L)
2001	Yanmar	1YDXL0.74P3N	0.74
2001	Yanmar	1YDXL0.75P2N	0.75
2001	Yanmar	1YDXL0.78P3N	0.78
2001	Yanmar	1YDXL0.78R3N	0.78
2001	Yanmar	1YDXL0.88P3N	0.88
2001	Yanmar	1YDXL0.95P3N	0.95
2001	Yanmar	1YDXL1.01P3N	1.0
2001	Yanmar	1YDXL1.01R3N	1.0
2001	Yanmar	1YDXL1.01T3N	1.0
2001	Yanmar	1YDXL1.20D3N	1.2
2001	Yanmar	1YDXL1.20F3N	1.2
2001	Yanmar	1YDXL1.33D3N	1.3
2001	Yanmar	1YDXL1.33F3N	1.3
2001	Yanmar	1YDXL1.50D3N	1.5
2001	Yanmar	1YDXL1.50D3T	1.5
2001	Yanmar	1YDXL1.50F3T	1.5
2001	Yanmar	1YDXL1.50H3N	1.5
2001	Yanmar	1YDXL1.64D3N	1.6
2001	Yanmar	1YDXL1.64F3N	1.6
2001	Yanmar	1YDXL1.90D4N	1.9
2001	Yanmar	1YDXL2.00D4N	2.0
2001	Yanmar	1YDXL2.00D4T	2.0
2001	Yanmar	1YDXL2.00F4N	2.0
2001	Yanmar	1YDXL2.00F4T	2.0
2001	Yanmar	1YDXL2.09D4N	2.1
2001	Yanmar	1YDXL2.19D4N	2.2
2001	Yanmar	1YDXL2.19E4N	2.2
2001	Yanmar	1YDXL2.19H4N	2.2
2001	Yanmar	1YDXL2.78D4N	2.8
2001	Yanmar	1YDXL2.78F4N	2.8
2001	Yanmar	1YDXL3.32D4N	3.3
2001	Yanmar	1YDXL3.32F4N	3.3
2001	Yanmar	1YDXL4.41D4N	4.4
2001	Yanmar	1YDXL4.41E4N	4.4
2001	Yanmar	1YDXL4.41E4T	4.4
2001	Yanmar	1YDXL4.41F4T	4.4
2001	Yanmar	1YDXM0.32P1N	0.32
2001	Yanmar	1YDXM0.64P2N	0.64
2001	Yanmar	1YDXM0.95P3N	0.95
2001	Yanmar	1YDXM1.50D3N	1.5
2002	AB Volvo Penta	2VPXL05.5AAA	5.5
2002	AB Volvo Penta	2VPXL05.5ABA	5.5
2002	AB Volvo Penta	2VPXL06.7AAA	6.7
2002	AB Volvo Penta	2VPXL06.7ABA	6.7
2002	AB Volvo Penta	2VPXL07.3ABB	7.3
2002	AB Volvo Penta	2VPXL07.3ACB	7.3
2002	AB Volvo Penta	2VPXL09.6AAA	9.6
		2VPXL12.1ABA	

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Model Year	Manufacturer	Engine Family	Displacement (L)
2002	AB Volvo Penta	2VPXL12.1ACA	12.1
2002	AB Volvo Penta	2VPXL12.1ACB	12.1
2002	AB Volvo Penta	2VPXL16.0ACB	16.1
2002	Alaska Diesel Electric	2ADEL2.491DZ	2.5
2002	Case	2X9XL0239AAA	3.9
2002	Case	2X9XL0239AAB	3.9
2002	Case	2X9XL0239AAC	3.9
2002	Case	2X9XL0239ABA	3.9
2002	Case	2X9XL0239ACA	3.9
2002	Case	2X9XL0239ADA	3.9
2002	Case	2X9XL0359AAA	5.9
2002	Case	2X9XL0359ABA	5.9
2002	Case	2X9XL0359ABB	5.9
2002	Case	2X9XL0359ABE	5.9
2002	Case	2X9XL0505AAA	8.3
2002	Case	2X9XL0505ABA	8.3
2002	Case	2X9XL0505ABB	8.3
2002	Case	2X9XL0505ABC	8.3
2002	Case	2X9XL0505ABD	8.3
2002	Case	2X9XL0505ACA	8.3
2002	Case	2X9XL0505ACC	8.3
2002	Case	2X9XL0540AAA	8.8
2002	Caterpillar	2CPXL04.4MRA	4.4
2002	Caterpillar	2CPXL06.6MRA	6.6
2002	Caterpillar	2CPXL06.6MRB	6.6
2002	Caterpillar	2CPXL06.6MRC	6.6
2002	Caterpillar	2CPXL07.0MRA	7
2002	Caterpillar	2CPXL07.0MRB	7
2002	Caterpillar	2CPXL07.2HRK	7.2
2002	Caterpillar	2CPXL07.2HSK	7.2
2002	Caterpillar	2CPXL07.2HSX	7.2
2002	Caterpillar	2CPXL07.2MRB	7.2
2002	Caterpillar	2CPXL07.2MRC	7.2
2002	Caterpillar	2CPXL08.8HSK	8.8
2002	Caterpillar	2CPXL08.8HSX	8.8
2002	Caterpillar	2CPXL10.3ESK	10.3
2002	Caterpillar	2CPXL10.3ESX	10.3
2002	Caterpillar	2CPXL10.5MRD	10.5
2002	Caterpillar	2CPXL10.5MRF	10.5
2002	Caterpillar	2CPXL10.5MRG	10.5
2002	Caterpillar	2CPXL12.0ESK	12
2002	Caterpillar	2CPXL14.6ESK	14.6
2002	Caterpillar	2CPXL14.6MRJ	14.6
2002	Caterpillar	2CPXL15.8ERK	15.8
2002	Caterpillar	2CPXL15.8ESK	15.8
2002	Caterpillar	2CPXL18.0HSK	18
2002	Caterpillar	2CPXL27.0HRK	27
2002	Caterpillar	2CPXL27.0HRP	27
		2CEXL015.AAA	

Model Year	Manufacturer	Engine Family	Displacement (L)
2002	Cummins	2CEXL015.AAB	15
2002	Cummins	2CEXL015.ABA	15
2002	Cummins	2CEXL019.AAB	19.0
2002	Cummins	2CEXL019.AAC	19
2002	Cummins	2CEXL0239AAA	3.9
2002	Cummins	2CEXL0239AAC	3.9
2002	Cummins	2CEXL0239AAE	3.9
2002	Cummins	2CEXL0239ABA	3.9
2002	Cummins	2CEXL0239ACA	3.9
2002	Cummins	2CEXL0239ADA	3.9
2002	Cummins	2CEXL0239AEA	3.9
2002	Cummins	2CEXL0239AFA	3.9
2002	Cummins	2CEXL03.3AAA	3.3
2002	Cummins	2CEXL03.3AAB	3.3
2002	Cummins	2CEXL030.AAA	30
2002	Cummins	2CEXL0359AAA	5.9
2002	Cummins	2CEXL0359ABA	5.9
2002	Cummins	2CEXL0359ABB	5.9
2002	Cummins	2CEXL0359ABC	5.9
2002	Cummins	2CEXL0359ABD	5.9
2002	Cummins	2CEXL0359ABE	5.9
2002	Cummins	2CEXL0359ACA	5.9
2002	Cummins	2CEXL0359ADA	5.9
2002	Cummins	2CEXL0505AAA	8.3
2002	Cummins	2CEXL0505ABA	8.3
2002	Cummins	2CEXL0505ABB	8.3
2002	Cummins	2CEXL0505ABC	8.3
2002	Cummins	2CEXL0505ABD	8.3
2002	Cummins	2CEXL0505ACA	8.3
2002	Cummins	2CEXL0505ACB	8.3
2002	Cummins	2CEXL0505ACC	8.3
2002	Cummins	2CEXL0505ACD	8.3
2002	Cummins	2CEXL0505ACE	8.3
2002	Cummins	2CEXL0540AAA	8.8
2002	Cummins	2CEXL0661AAA	10.8
2002	Cummins	2CEXL0661AAB	10.8
2002	Cummins	2CEXL0661AAC	10.8
2002	Cummins	2CEXL0661AAD	10.3
2002	Daewoo	2DWXL03.3AMN	3.3
2002	Daewoo	2DWXL03.3BMA	3.3
2002	Daewoo	2DWXL03.3LMN	3.3
2002	Daewoo	2DWXL05.8AOA	5.8
2002	Daewoo	2DWXL05.8ARN	5.8
2002	Daewoo	2DWXL08.1ACN	8.1
2002	Daewoo	2DWXL08.1APA	8.1
2002	Daewoo	2DWXL08.1BPA	8.1
2002	Daewoo	2DWXL11.1BIA	11.1
2002	Daewoo	2DWXL14.6CVT	14.6
2002	Daewoo	2DWXL2.37ANT	2.4
2002	Daewoo	2DWXL21.9AYA	21.9
2002	Daihatsu	2DHXL.6972D1	0.70

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Model Year	Manufacturer	Engine Family	Displacement (L)
2002	Daihatsu	2DHXL.9532D1	0.95
2002	Daihatsu	2DHXL.9532DT	0.95
2002	DaimlerChrysler	2MBXL12.0RJB	12
2002	DaimlerChrysler	2MBXL12.0RJC	12
2002	DaimlerChrysler	2MBXL15.9RJA	15.9
2002	DaimlerChrysler	2MBXL21.9R6A	22.0
2002	DaimlerChrysler	2MBXL21.9R6B	21.9
2002	Deere	2JDXL02.9017	2.9
2002	Deere	2JDXL02.9018	2.9
2002	Deere	2JDXL02.9023	2.9
2002	Deere	2JDXL04.5025	4.5
2002	Deere	2JDXL04.5028	4.5
2002	Deere	2JDXL04.5040	4.5
2002	Deere	2JDXL04.5042	4.5
2002	Deere	2JDXL04.5043	4.5
2002	Deere	2JDXL06.8012	4.5
2002	Deere	2JDXL06.8013	4.5
2002	Deere	2JDXL06.8014	4.5
2002	Deere	2JDXL06.8015	6.8
2002	Deere	2JDXL06.8016	6.8
2002	Deere	2JDXL06.8038	6.8
2002	Deere	2JDXL06.8039	6.8
2002	Deere	2JDXL06.8041	6.8
2002	Deere	2JDXL06.8044	6.8
2002	Deere	2JDXL06.8046	6.8
2002	Deere	2JDXL06.8047	6.8
2002	Deere	2JDXL06.8048	6.8
2002	Deere	2JDXL06.8049	6.8
2002	Deere	2JDXL08.1007	8.1
2002	Deere	2JDXL08.1008	8.1
2002	Deere	2JDXL08.1009	8.1
2002	Deere	2JDXL08.1019	8.1
2002	Deere	2JDXL08.1024	8.1
2002	Deere	2JDXL08.1036	8.1
2002	Deere	2JDXL08.1037	8.1
2002	Deere	2JDXL08.1045	8.1
2002	Deere	2JDXL10.1006	10.1
2002	Deere	2JDXL12.5029	12.5
2002	Deere	2JDXL12.5035	12.5
2002	Detroit Diesel Corporation	2DDXL04.7TAE	4.7
2002	Detroit Diesel Corporation	2DDXL08.5YJD	8.5
2002	Detroit Diesel Corporation	2DDXL12.7VGD	12.7
2002	Detroit Diesel Corporation	2DDXL14.0VLD	14
2002	Detroit Diesel Corporation	2DDXL31.8XRE	15.9
2002	Deutz	2DZXL00.7030	0.70
2002	Deutz	2DZXL00.9024	0.90
2002	Deutz	2DZXL01.2022	1.2
	Deutz		

Model Year	Manufacturer	Engine Family	Displacement (L)
2002	Deutz	2DZXL02.7018	2.7
2002	Deutz	2DZXL02.9012	2.9
2002	Deutz	2DZXL02.9013	2.9
2002	Deutz	2DZXL02.9017	2.9
2002	Deutz	2DZXL03.1025	3.1
2002	Deutz	2DZXL03.1026	3.1
2002	Deutz	2DZXL03.1031	3.1
2002	Deutz	2DZXL03.8016	2.8
2002	Deutz	2DZXL04.8006	4.8
2002	Deutz	2DZXL04.8007	4.8
2002	Deutz	2DZXL05.7011	5.7
2002	Deutz	2DZXL05.7019	5.7
2002	Deutz	2DZXL05.7020	5.7
2002	Deutz	2DZXL05.7033	5.7
2002	Deutz	2DZXL06.1008	6.1
2002	Deutz	2DZXL06.1009	6.1
2002	Deutz	2DZXL06.1010	6.1
2002	Deutz	2DZXL06.1027	6.1
2002	Deutz	2DZXL06.1028	6.1
2002	Deutz	2DZXL07.1004	7.1
2002	Deutz	2DZXL07.1005	7.1
2002	Deutz	2DZXL07.1032	7.1
2002	Deutz	2DZXL15.9002	11.9
2002	Deutz	2DZXL15.9003	11.9
2002	Deutz	2DZXL35.0001	17.5
2002	Fuji	2FJXL.4122DA	0.41
2002	Generac Corporation	2GNXL03.0KNA	3.0
2002	Generac Corporation	2GNXL03.0KTA	3.0
2002	Generac Corporation	2GNXL03.9MAA	3.9
2002	Generac Corporation	2GNXL04.0HAA	4.0
2002	Generac Corporation	2GNXL04.0HNA	4.0
2002	Generac Corporation	2GNXL05.0FAA	5.0
2002	Generac Corporation	2GNXL17.0HAA	17.0
2002	Hino	2HMXL04.0WDF	4.0
2002	Hino	2HMXL06.7HTD	6.7
2002	Hino	2HMXL08.8PTD	8.8
2002	Hino	2HMXL13.3KTA	13.3
2002	International	2NVXL0444ANA	7.3
2002	International	2NVXL0466ANA	7.6
2002	International	2NVXL0530ANA	8.7
2002	International	2NVXL0530ANB	8.7
2002	International	2NVXL0530ANC	8.7
2002	International	2NVXL0530AND	8.7
2002	International	2NVXL0530ANE	8.7
2002	International	2NVXL0530ANF	8.7
2002	Iseki Matsuyama	2ICLL0.93B3C	0.93
2002	Iseki Matsuyama	2ICLL1.01B3F	1.0
2002	Iseki Matsuyama	2ICLL1.12B3G	1.1
2002	Iseki Matsuyama	2ICLL1.43C3B	1.4
2002	Iseki Matsuyama	2ICLL1.46C3C	1.5
2002	Iseki Matsuyama	2ICLL1.50C3D	1.5

Model Year	Manufacturer	Engine Family	Displacement (L)
2002	Iseki Matsuyama	2ICLL1.50C3T	1.5
2002	Iseki Matsuyama	2ICLL2.20C4E	2.2
2002	Iseki Matsuyama	2ICLL2.84D4D	2.8
2002	Ishikawajima-Shibaura	2H3XL.451E2V	0.45
2002	Ishikawajima-Shibaura	2H3XL.676E3V	0.68
2002	Ishikawajima-Shibaura	2H3XL.676LCS	0.68
2002	Ishikawajima-Shibaura	2H3XL.761ELV	0.76
2002	Ishikawajima-Shibaura	2H3XL.761LCS	0.76
2002	Ishikawajima-Shibaura	2H3XL.954S5C	0.95
2002	Ishikawajima-Shibaura	2H3XL.954S5V	0.95
2002	Ishikawajima-Shibaura	2H3XL1.00S7V	1.0
2002	Ishikawajima-Shibaura	2H3XL1.13LCS	1.1
2002	Ishikawajima-Shibaura	2H3XL1.13MSL	1.1
2002	Ishikawajima-Shibaura	2H3XL1.13SLV	1.1
2002	Ishikawajima-Shibaura	2H3XL1.33J3C	1.3
2002	Ishikawajima-Shibaura	2H3XL1.33J3V	1.3
2002	Ishikawajima-Shibaura	2H3XL1.33J84	1.3
2002	Ishikawajima-Shibaura	2H3XL1.49N3C	1.5
2002	Ishikawajima-Shibaura	2H3XL1.49N3V	1.5
2002	Ishikawajima-Shibaura	2H3XL2.00N4T	2
2002	Ishikawajima-Shibaura	2H3XL2.00N84	2
2002	Ishikawajima-Shibaura	2H3XL2.00NCS	2
2002	Ishikawajima-Shibaura	2H3XL2.22L84	2.2
2002	Ishikawajima-Shibaura	2H3XL2.22N4L	2.2
2002	Ishikawajima-Shibaura	2H3XL2.22N4T	2.2
2002	Ishikawajima-Shibaura	2H3XL2.22NLC	2.2
2002	Ishikawajima-Shibaura	2H3XM.451M10	0.45
2002	Ishikawajima-Shibaura	2H3XM.676M20	0.68
2002	Ishikawajima-Shibaura	2H3XM.954M30	0.95
2002	Ishikawajima-Shibaura	2H3XM1.49M40	1.5
2002	Isuzu	2SZXL00.9WNA	0.90
2002	Isuzu	2SZXL01.1WNA	1.1
2002	Isuzu	2SZXL01.1YNA	1.1
2002	Isuzu	2SZXL01.5DNA	1.5
2002	Isuzu	2SZXL01.5DTA	1.5
2002	Isuzu	2SZXL01.5WNA	1.5
2002	Isuzu	2SZXL01.5YNA	1.5
2002	Isuzu	2SZXL01.5YNB	1.5
2002	Isuzu	2SZXL01.5YNC	1.5
2002	Isuzu	2SZXL01.7DNA	1.7
2002	Isuzu	2SZXL01.7YNA	1.7
2002	Isuzu	2SZXL02.2CNA	2.2
2002	Isuzu	2SZXL02.2CNB	2.2
2002	Isuzu	2SZXL02.2DNA	2.2
2002	Isuzu	2SZXL02.2GNA	2.2
2002	Isuzu	2SZXL02.2YNA	2.2
2002	Isuzu	2SZXL02.2YNB	2.2
		2SZXL02.4YNA	

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Model Year	Manufacturer	Engine Family	Displacement (L)
2002	Isuzu	2SZXL02.5CNA	2.5
2002	Isuzu	2SZXL02.8CNA	2.8
2002	Isuzu	2SZXL02.8CNB	2.8
2002	Isuzu	2SZXL02.8CTA	2.8
2002	Isuzu	2SZXL03.1CNC	3.1
2002	Isuzu	2SZXL03.1GNA	3.1
2002	Isuzu	2SZXL03.1GNB	3.1
2002	Isuzu	2SZXL03.1GTA	3.1
2002	Isuzu	2SZXL03.1YNB	3.1
2002	Isuzu	2SZXL03.1YNC	3.1
2002	Isuzu	2SZXL03.1YND	3.1
2002	Isuzu	2SZXL04.3BTA	4.3
2002	Isuzu	2SZXL04.3CNA	4.3
2002	Isuzu	2SZXL04.3FTA	4.3
2002	Isuzu	2SZXL04.3FXA	4.3
2002	Isuzu	2SZXL04.3GTA	4.3
2002	Isuzu	2SZXL04.3GXA	4.3
2002	Isuzu	2SZXL06.5BNA	6.5
2002	Isuzu	2SZXL06.5BTA	6.5
2002	Isuzu	2SZXL06.5EXA	6.5
2002	Isuzu	2SZXL06.5FTA	6.5
2002	Isuzu	2SZXL06.5FXA	6.5
2002	Isuzu	2SZXL07.8ATA	7.8
2002	Isuzu	2SZXL07.8EXA	7.8
2002	Isuzu	2SZXL09.8ATA	9.8
2002	Isuzu	2SZXL09.8ATB	9.8
2002	Isuzu	2SZXL09.8EXA	9.8
2002	Isuzu	2SZXL15.7ETA	15.7
2002	Isuzu	2SZXL15.7EXA	15.7
2002	Iveco	2VEXL05.9DAR	5.9
2002	Iveco	2VEXL05.9DAS	5.9
2002	Iveco	2VEXL05.9GST	5.9
2002	Iveco	2VEXL05.9DCR	5.9
2002	Iveco	2VEXL07.7DAR	7.7
2002	Iveco	2VEXL07.8CRS	7.8
2002	Iveco	2VEXL10.3CRS	10.3
2002	Iveco	2VEXL12.9CRS	12.9
2002	Komatsu	2KLXL0239AAA	3.9
2002	Komatsu	2KLXL0239ABA	3.9
2002	Komatsu	2KLXL0239ACA	3.9
2002	Komatsu	2KLXL0239ADA	3.9
2002	Komatsu	2KLXL03.3JA1	3.3
2002	Komatsu	2KLXL03.3JB1	3.3
2002	Komatsu	2KLXL030.AAA	30
2002	Komatsu	2KLXL0359AAA	5.9
2002	Komatsu	2KLXL0359ABA	5.9
2002	Komatsu	2KLXL0359ABC	5.9
		2KLXL0505AAA	

Model Year	Manufacturer	Engine Family	Displacement (L)
2002	Komatsu	2KLXL0505ACA	8.3
2002	Komatsu	2KLXL11.0DA1	11
2002	Komatsu	2KLXL11.0DB1	11
2002	Komatsu	2KLXL11.0DC1	11
2002	Komatsu	2KLXL11.0DC3	11
2002	Komatsu	2KLXL11.0DD3	11
2002	Komatsu	2KLXL11.0DD4	11
2002	Komatsu	2KLXL11.0DD5	11
2002	Komatsu	2KLXL11.0DD6	11
2002	Komatsu	2KLXL15.2EB1	15.2
2002	Komatsu	2KLXL15.2EC3	15.2
2002	Komatsu	2KLXL15.2ED3	15.2
2002	Komatsu	2KLXL15.2EE3	15.2
2002	Komatsu	2KLXL23.2FC2	23.2
2002	Komatsu	2KLXL23.2FC3	23.2
2002	Komatsu	2KLXL23.2FD3	23.2
2002	Komatsu	2KLXL7.15CB1	7.2
2002	Komatsu	2KLXL7.15CC1	7.2
2002	Komatsu	2KLXL7.15CD1	7.2
2002	Kubota	2KBXL.276KCB	0.28
2002	Kubota	2KBXL.309KCB	0.31
2002	Kubota	2KBXL.400KCB	0.40
2002	Kubota	2KBXL.400KCC	0.40
2002	Kubota	2KBXL.416KCB	0.42
2002	Kubota	2KBXL.570KCC	0.57
2002	Kubota	2KBXL.719KCB	0.48
2002	Kubota	2KBXL.719KCC	0.48
2002	Kubota	2KBXL.778KCB	0.78
2002	Kubota	2KBXL.898KCB	0.60
2002	Kubota	2KBXL01.0BCB	0.90
2002	Kubota	2KBXL01.1BCB	1.1
2002	Kubota	2KBXL01.2BCD	0.90
2002	Kubota	2KBXL01.3BCC	0.90
2002	Kubota	2KBXL01.3BCD	1.0
2002	Kubota	2KBXL01.4FCC	1.4
2002	Kubota	2KBXL01.5BAD	1.1
2002	Kubota	2KBXL01.5BCC	1.1
2002	Kubota	2KBXL01.5BCD	1.1
2002	Kubota	2KBXL01.5EAD	1.5
2002	Kubota	2KBXL01.5ECD	1.5
2002	Kubota	2KBXL01.5FAD	1.5
2002	Kubota	2KBXL01.5FCD	1.5
2002	Kubota	2KBXL01.9FCC	1.9
2002	Kubota	2KBXL01.9FCD	1.4
2002	Kubota	2KBXL02.0FAC	2.0
2002	Kubota	2KBXL02.0FAD	2.0
2002	Kubota	2KBXL02.2ECC	2.2
2002	Kubota	2KBXL02.2ECD	2.2
2002	Kubota	2KBXL02.2FCC	1.7
2002	Kubota	2KBXL02.2FCD	1.7
2002	Kubota	2KBXL02.2GCD	1.7

Model Year	Manufacturer	Engine Family	Displacement (L)
2002	Kubota	2KBXL02.4ECD	1.8
2002	Kubota	2KBXL02.4FCD	1.8
2002	Kubota	2KBXL02.4GCD	2.4
2002	Kubota	2KBXL02.4HCD	2.4
2002	Kubota	2KBXL02.8BCC	2.7
2002	Kubota	2KBXL03.3AAD	3.3
2002	Kubota	2KBXL03.3ACD	3.3
2002	Kubota	2KBXL03.3BAC	3.3
2002	Kubota	2KBXL03.3BAD	3.3
2002	Kubota	2KBXL03.3BCC	3.3
2002	Kubota	2KBXL03.3BCD	3.3
2002	Liebherr Machines Bulle SA	2LHAL17.2ARA	12.9
2002	Liebherr Machines Bulle SA	2LHAL17.2ATA	12.9
2002	Liebherr Machines Bulle SA	2LHAL17.2AUA	12.9
2002	Liebherr Machines Bulle SA	2LHAL9.96ARA	6.6
2002	Liebherr Machines Bulle SA	2LHAL9.96ASA	6.6
2002	Liebherr Machines Bulle SA	2LHAL9.96ATA	6.6
2002	Liebherr Machines Bulle SA	2LHAL9.96AUA	6.6
2002	Lister-Petter	2L5XL1.862TC	1.9
2002	Lister-Petter	2L5XL1.86FTC	1.9
2002	Lister-Petter	2L5XL1.86FWS	0.9
2002	Lister-Petter	2L5XL1.86LWS	1.4
2002	Lister-Petter	2L5XL2.29FX9	2.3
2002	Lister-Petter	2L5XL2.29VX9	2.3
2002	Lister-Petter	2L5XL3.332DW	3.3
2002	Lombardini Motori	2LBDL.315152	0.32
2002	Lombardini Motori	2LBDL.349153	0.35
2002	Lombardini Motori	2LBDL.686SF2	0.69
2002	Lombardini Motori	2LBDL.916F69	0.61
2002	Lombardini Motori	2LBDL1.22F04	1.2
2002	Lombardini Motori	2LBDL1.22FOT	1.2
2002	Lombardini Motori	2LBDL1.37SFO	1.0
2002	Mazda	2TKXL02.5AAA	2.5
2002	Mazda	2TKXL02.5BAA	2.5
2002	Mazda	2TKXL03.0BAA	3
2002	Mitsubishi Fuso	2MFTL05.8D3B	5.9
2002	Mitsubishi Heavy Industries	2MVXL00.6BBB	0.60
2002	Mitsubishi Heavy Industries	2MVXL01.0AAA	1.0
2002	Mitsubishi Heavy Industries	2MVXL01.0BBB	0.60
2002	Mitsubishi Heavy Industries	2MVXL01.3AAA	1.1
2002	Mitsubishi Heavy Industries	2MVXL01.5AAA	1.5
2002	Mitsubishi Heavy Industries	2MVXL01.5BBB	1.5
2002	Mitsubishi Heavy Industries	2MVXL01.8AAA	1.1
2002	Mitsubishi Heavy Industries	2MVXL02.3AAA	2.3
2002	Mitsubishi Heavy Industries	2MVXL02.3BBB	2.3
2002	Mitsubishi Heavy Industries	2MVXL02.3CCC	2.3
	Mitsubishi Heavy Industries		

Model Year	Manufacturer	Engine Family	Displacement (L)
2002	Mitsubishi Heavy Industries	2MVXL06.4AAB	6.4
2002	Mitsubishi Heavy Industries	2MVXL06.4DDD	6.4
2002	Mitsubishi Motors	2MTXL02.8M4A	2.8
2002	Mitsubishi Motors	2MTXL03.5D3A	3.5
2002	Mitsubishi Motors	2MTXL04.2D3A	4.2
2002	Mitsubishi Motors	2MTXL05.8D3A	5.8
2002	Mitsubishi Motors	2MTXL05.8D6A	5.8
2002	Mitsubishi Motors	2MTXL07.5D6A	7.5
2002	Mitsubishi Motors	2MTXL07.5D6B	7.5
2002	Mitsubishi Motors	2MTXL07.5D6C	7.5
2002	Mitsubishi Motors	2MTXL07.5D6D	7.5
2002	Mitsubishi Motors	2MTXL11.9D2C	11.9
2002	Mitsubishi Motors	2MTXL11.9D6A	11.9
2002	Mitsubishi Motors	2MTXL11.9D6B	11.9
2002	Motorenfabrik Hatz	2HZXL.232C20	0.20
2002	Motorenfabrik Hatz	2HZXL.232V20	0.20
2002	Motorenfabrik Hatz	2HZXL.347C30	0.40
2002	Motorenfabrik Hatz	2HZXL.347V30	0.40
2002	Motorenfabrik Hatz	2HZXL.413C41	0.40
2002	Motorenfabrik Hatz	2HZXL.462C40	0.50
2002	Motorenfabrik Hatz	2HZXL.462V40	0.50
2002	Motorenfabrik Hatz	2HZXL.517C50	0.50
2002	Motorenfabrik Hatz	2HZXL.667C81	0.70
2002	Motorenfabrik Hatz	2HZXL.667C82	0.70
2002	Motorenfabrik Hatz	2HZXL.997C40	1.0
2002	Motorenfabrik Hatz	2HZXL3.43A37	3.4
2002	Motorenfabrik Hatz	2HZXL3.43C19	3.4
2002	MTU-Friedrichshafen	2MTUL21.9R2A	21.9
2002	New Holland	2NHXL03.2A1J	3.2
2002	New Holland	2NHXL05.0A1N	5
2002	New Holland	2NHXL05.0A2P	5
2002	New Holland	2NHXL07.5A2H	7.5
2002	New Holland	2NHXL07.5A2T	7.5
2002	New Holland	2NHXL07.5A2W	7.5
2002	New Holland	2NHXL07.5A3A	7.5
2002	New Holland	2NHXL07.5A3F	7.5
2002	New Holland	2NHXL07.5A3V	7.5
2002	Nissan Diesel Motor	2NDXL02.7TNA	2.7
2002	Nissan Diesel Motor	2NDXL03.0FNA	3
2002	Nissan Diesel Motor	2NDXL04.2TNA	4.2
2002	Nissan Diesel Motor	2NDXL06.9FNA	6.9
2002	Perkins	2PKXL02.6UB1	2.6
2002	Perkins	2PKXL02.7CP1	2.7
2002	Perkins	2PKXL02.7CP2	2.7
2002	Perkins	2PKXL02.7CR1	2.7
2002	Perkins	2PKXL03.0UA1	3.0
2002	Perkins	2PKXL03.0UC1	3.0
2002	Perkins	2PKXL03.9AK1	3.9
2002	Perkins	2PKXL03.9AM1	3.9
2002	Perkins	2PKXL03.9AT1	3.9
2002	Perkins	2PKXL04.0AJ1	4.0

Model Year	Manufacturer	Engine Family	Displacement (L)
2002	Perkins	2PKXL04.2AR1	4.2
2002	Perkins	2PKXL04.4RF1	4.4
2002	Perkins	2PKXL04.4RH1	4.4
2002	Perkins	2PKXL04.4RJ1	4.4
2002	Perkins	2PKXL04.4RK1	4.4
2002	Perkins	2PKXL05.9YG1	5.9
2002	Perkins	2PKXL05.9YH1	5.9
2002	Perkins	2PKXL05.9YJ1	5.9
2002	Perkins	2PKXL05.9YK1	6
2002	Perkins	2PKXL06.0VK1	6
2002	Volkswagen	2VWXL01.9ADE	1.9
2002	Volkswagen	2VWXL01.9ADG	1.9
2002	Volvo Construction Equipment	2VSXL05.5CE1	5.5
2002	Volvo Construction Equipment	2VSXL06.7CE1	6.7
2002	Volvo Construction Equipment	2VSXL09.6CE2	9.6
2002	Volvo Construction Equipment	2VSXL12.1CE2	12.1
2002	Volvo Construction Equipment	2VSXL16.0CE2	16
2002	Wisconsin Motors	2WMLL02.7TMD	2.7
2002	Wisconsin Motors	2WMLL02.7TMT	2.7
2002	Yanmar	2YDXL0.22D1N	0.22
2002	Yanmar	2YDXL0.31D1N	0.31
2002	Yanmar	2YDXL0.41D1N	0.41
2002	Yanmar	2YDXL0.49P2N	0.49
2002	Yanmar	2YDXL0.52R2N	0.52
2002	Yanmar	2YDXL0.66P3N	0.66
2002	Yanmar	2YDXL0.74P3N	0.74
2002	Yanmar	2YDXL0.75P2N	0.75
2002	Yanmar	2YDXL0.78P3N	0.78
2002	Yanmar	2YDXL0.78R3N	0.78
2002	Yanmar	2YDXL0.88P3N	0.88
2002	Yanmar	2YDXL0.95P3N	0.95
2002	Yanmar	2YDXL1.01P3N	1.0
2002	Yanmar	2YDXL1.01R3N	1.0
2002	Yanmar	2YDXL1.01T3N	1.0
2002	Yanmar	2YDXL1.20D3N	1.2
2002	Yanmar	2YDXL1.20F3N	1.2
2002	Yanmar	2YDXL1.33D3N	1.3
2002	Yanmar	2YDXL1.33F3N	1.3
2002	Yanmar	2YDXL1.50D3N	1.5
2002	Yanmar	2YDXL1.50D3T	1.5
2002	Yanmar	2YDXL1.50F3T	1.5
2002	Yanmar	2YDXL1.50H3N	1.5
2002	Yanmar	2YDXL1.64D3N	1.6
2002	Yanmar	2YDXL1.64F3N	1.6
2002	Yanmar	2YDXL1.90D4N	1.9
2002	Yanmar	2YDXL2.00D4N	2.0
2002	Yanmar	2YDXL2.00D4T	2.0
2002	Yanmar	2YDXL2.00F4N	2.0
2002	Yanmar	2YDXL2.00F4T	2.0
2002	Yanmar	2YDXL2.09D4N	2.1
2002	Yanmar	2YDXL2.19D4N	2.2

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Model Year	Manufacturer	Engine Family	Displacement (L)
2002	Yanmar	2YDXL2.19E4N	2.2
2002	Yanmar	2YDXL2.19H4N	2.2
2002	Yanmar	2YDXL2.78D4N	2.8
2002	Yanmar	2YDXL2.78F4N	2.8
2002	Yanmar	2YDXL3.32D4N	3.3
2002	Yanmar	2YDXL3.32F4N	3.3
2002	Yanmar	2YDXL4.41D4N	4.4
2002	Yanmar	2YDXL4.41E4N	4.4
2002	Yanmar	2YDXL4.41E4T	4.4
2002	Yanmar	2YDXL4.41F4T	4.4
2002	Yanmar	2YDXM0.32P1N	0.32
2002	Yanmar	2YDXM0.64P2N	0.64
2002	Yanmar	2YDXM0.95P3N	0.95
2002	Yanmar	2YDXM1.50D3N	1.5
2003	AB Volvo Penta	3VPXL07.3ACB	7.3
2003	AB Volvo Penta	3VPXL09.6ACB	9.6
2003	AB Volvo Penta	3VPXL12.1ABA	12.1
2003	AB Volvo Penta	3VPXL12.1ACA	12.1
2003	AB Volvo Penta	3VPXL12.1ACB	12.1
2003	AB Volvo Penta	3VPXL16.0ACB	16.1
2003	Caterpillar	3CPXL04.4MRW	4.4
2003	Caterpillar	3CPXL06.6MRW	6.6
2003	Caterpillar	3CPXL06.6MTW	6.6
2003	Caterpillar	3CPXL07.2HSK	7.2
2003	Caterpillar	3CPXL07.2HSL	7.2
2003	Caterpillar	3CPXL07.2MRW	7.2
2003	Caterpillar	3CPXL08.8HSK	8.8
2003	Caterpillar	3CPXL08.8HSL	8.8
2003	Caterpillar	3CPXL10.3ESK	10.3
2003	Caterpillar	3CPXL10.5MRW	10.5
2003	Caterpillar	3CPXL12.0ESK	12
2003	Caterpillar	3CPXL14.6ESK	14.6
2003	Caterpillar	3CPXL14.6MRW	14.6
2003	Caterpillar	3CPXL15.8ESK	15.8
2003	Caterpillar	3CPXL18.0HRX	18
2003	Caterpillar	3CPXL18.0HSK	18
2003	Caterpillar	3CPXL27.0HRK	27
2003	Caterpillar	3CPXL27.0HRK	27
2003	Caterpillar	3CPXL27.0HRP	27
2003	Caterpillar	3CPXL27.0HRX	27
2003	Caterpillar	3CPXL34.5ERK	34.5
2003	CNH Engine Corporation	3X9XL0239AAA	3.9
2003	CNH Engine Corporation	3X9XL0239AAB	3.9
2003	CNH Engine Corporation	3X9XL0239AAC	3.9
2003	CNH Engine Corporation	3X9XL0239ABA	3.9
		3X9XL0359AAA	

Model Year	Manufacturer	Engine Family	Displacement (L)
2003	CNH Engine Corporation	3X9XL0505ACC	8.3
2003	CNH Engine Corporation	3X9XL0540AAA	8.8
2003	CNH UK Limited	3NHXL03.2A1J	3.2
2003	CNH UK Limited	3NHXL04.5DNA	4.5
2003	CNH UK Limited	3NHXL04.5DTC	4.5
2003	CNH UK Limited	3NHXL05.0A1N	5
2003	CNH UK Limited	3NHXL05.0A2P	5
2003	CNH UK Limited	3NHXL05.9DTA	5.9
2003	CNH UK Limited	3NHXL06.7DCR	3.9
2003	CNH UK Limited	3NHXL06.7DTA	3.9
2003	CNH UK Limited	3NHXL07.5B2H	7.5
2003	CNH UK Limited	3NHXL07.5B2K	7.5
2003	CNH UK Limited	3NHXL07.5B3A	7.5
2003	CNH UK Limited	3NHXL07.5B3C	7.5
2003	CNH UK Limited	3NHXL07.5B3F	7.5
2003	Cummins	3CEXL015.AAA	15
2003	Cummins	3CEXL015.AAB	15
2003	Cummins	3CEXL015.ABA	15
2003	Cummins	3CEXL019.AAB	19.0
2003	Cummins	3CEXL019.AAC	19
2003	Cummins	3CEXL023.AAA	23.2
2003	Cummins	3CEXL0239AAA	3.9
2003	Cummins	3CEXL0239AAC	3.9
2003	Cummins	3CEXL0239AAD	3.9
2003	Cummins	3CEXL0239AAF	3.9
2003	Cummins	3CEXL0239ABA	3.9
2003	Cummins	3CEXL0239AEA	3.9
2003	Cummins	3CEXL0239AFA	3.9
2003	Cummins	3CEXL0275AAA	4.5
2003	Cummins	3CEXL0275AAB	4.5
2003	Cummins	3CEXL03.3AAA	3.3
2003	Cummins	3CEXL03.3AAB	3.3
2003	Cummins	3CEXL030.AAA	30
2003	Cummins	3CEXL0359AAA	5.9
2003	Cummins	3CEXL0359AAB	5.9
2003	Cummins	3CEXL0359AAC	5.9
2003	Cummins	3CEXL0359AAD	5.9
2003	Cummins	3CEXL0359ABC	5.9
2003	Cummins	3CEXL0359ABE	5.9
2003	Cummins	3CEXL0359ACA	5.9
2003	Cummins	3CEXL0409AAA	6.7
2003	Cummins	3CEXL0505AAD	8.3
2003	Cummins	3CEXL0505ABC	8.3
2003	Cummins	3CEXL0505ABD	8.3
2003	Cummins	3CEXL0505ACB	8.3
2003	Cummins	3CEXL0505ACC	8.3
		3CEXL0540AAA	

Model Year	Manufacturer	Engine Family	Displacement (L)
2003	Daedong Industrial	3DCLL.927D75	0.93
2003	Daedong Industrial	3DCLL01.3D13	1.3
2003	Daedong Industrial	3DCLL01.4D14	1.4
2003	Daedong Industrial	3DCLL01.4D80	1.4
2003	Daedong Industrial	3DCLL02.0D5T	2.0
2003	Daedong Industrial	3DCLL02.0D83	2.0
2003	Daedong Industrial	3DCLL02.2D7T	2.2
2003	Daedong Industrial	3DCLL02.2D87	2.2
2003	Daewoo	3DWXL03.3AMN	3.3
2003	Daewoo	3DWXL03.3BMA	3.3
2003	Daewoo	3DWXL03.3LMN	3.3
2003	Daewoo	3DWXL05.8ARN	5.8
2003	Daewoo	3DWXL05.8ATT	5.8
2003	Daewoo	3DWXL05.8COA	5.8
2003	Daewoo	3DWXL08.1CPA	8.1
2003	Daewoo	3DWXL11.1DJA	11.1
2003	Daewoo	3DWXL18.3ASC	18.3
2003	Daewoo	3DWXL2.37ANT	2.4
2003	Daewoo	3DWXL21.9AYA	21.9
2003	Daihatsu	3DHXL.6972D1	0.70
2003	Daihatsu	3DHXL.9532D1	0.95
2003	Daihatsu	3DHXL.9532DT	0.95
2003	DaimlerChrysler	3MBXL12.0RJB	12
2003	DaimlerChrysler	3MBXL12.0RJC	12
2003	DaimlerChrysler	3MBXL15.9RJA	15.9
2003	DaimlerChrysler	3MBXL21.9R6A	21.9
2003	DaimlerChrysler	3MBXL21.9R6B	21.9
2003	DaimlerChrysler	3MBXL4.25RJB	4.3
2003	DaimlerChrysler	3MBXL6.37RJB	6.4
2003	DaimlerChrysler	3MBXL7.20RJA	7.2
2003	Deere	3JDXL02.9017	
2003	Deere	3JDXL02.9018	
2003	Deere	3JDXL02.9023	
2003	Deere	3JDXL03.0063	
2003	Deere	3JDXL03.0064	
2003	Deere	3JDXL04.5025	
2003	Deere	3JDXL04.5028	
2003	Deere	3JDXL04.5040	4.5
2003	Deere	3JDXL04.5042	4.5
2003	Deere	3JDXL04.5043	
2003	Deere	3JDXL04.5062	4.5
2003	Deere	3JDXL06.8014	
2003	Deere	3JDXL06.8016	
2003	Deere	3JDXL06.8038	6.8
2003	Deere	3JDXL06.8039	6.8
2003	Deere	3JDXL06.8041	6.8
2003	Deere	3JDXL06.8044	6.8
2003	Deere	3JDXL06.8046	4.5
2003	Deere	3JDXL06.8048	6.8
2003	Deere	3JDXL06.8049	6.8
2003	Deere	3JDXL06.8052	6.8

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Model Year	Manufacturer	Engine Family	Displacement (L)
2003	Deere	3JDXL06.8053	6.8
2003	Deere	3JDXL06.8054	6.8
2003	Deere	3JDXL06.8055	6.8
2003	Deere	3JDXL06.8056	6.8
2003	Deere	3JDXL08.1037	8.1
2003	Deere	3JDXL08.1045	8.1
2003	Deere	3JDXL08.1058	8.1
2003	Deere	3JDXL08.1059	8.1
2003	Deere	3JDXL12.5035	12.5
2003	Detroit Diesel Corporation	3DDXL08.5YJD	8.5
2003	Detroit Diesel Corporation	3DDXL12.7VGD	12.7
2003	Detroit Diesel Corporation	3DDXL14.0VLD	14
2003	Detroit Diesel Corporation	3DDXL15.9WRE	15.9
2003	Detroit Diesel Corporation	3DDXL31.8XRE	15.9
2003	Deutz	3DZXL00.7030	0.69
2003	Deutz	3DZXL00.9024	0.90
2003	Deutz	3DZXL01.2022	1.2
2003	Deutz	3DZXL01.2023	1.2
2003	Deutz	3DZXL01.4029	1.4
2003	Deutz	3DZXL02.7014	2.7
2003	Deutz	3DZXL02.7015	2.7
2003	Deutz	3DZXL02.7018	1.4
2003	Deutz	3DZXL02.9012	2.9
2003	Deutz	3DZXL02.9013	2.9
2003	Deutz	3DZXL02.9017	2.2
2003	Deutz	3DZXL03.1025	3.1
2003	Deutz	3DZXL03.1026	3.1
2003	Deutz	3DZXL03.1031	3.1
2003	Deutz	3DZXL03.8016	2.8
2003	Deutz	3DZXL04.8006	4.8
2003	Deutz	3DZXL04.8007	4.8
2003	Deutz	3DZXL05.7011	5.7
2003	Deutz	3DZXL05.7019	5.7
2003	Deutz	3DZXL05.7033	5.7
2003	Deutz	3DZXL06.1009	6.1
2003	Deutz	3DZXL06.1010	6.1
2003	Deutz	3DZXL06.1027	6.1
2003	Deutz	3DZXL06.1028	4
2003	Deutz	3DZXL07.1005	7.2
2003	Deutz	3DZXL07.1032	7.2
2003	Deutz	3DZXL07.1034	7.2
2003	Deutz	3DZXL15.9002	11.9
2003	Deutz	3DZXL35.0001	17.5
2003	Generac Corporation	3GNXL03.0KNA	3.0
2003	Generac Corporation	3GNXL03.0KTA	3.0
2003	Generac Corporation	3GNXL03.9MAA	3.9
2003	Hino	3HMXL04.0WDF	4.0
2003	Hino	3HMXL04.0WDH	4.0
2003	Hino	3HMXL12.8KUV	12.9
2003	International	3NVXL0365AFA	6
2003	International	3NVXL0530ANE	8.7

Model Year	Manufacturer	Engine Family	Displacement (L)
2003	International	3NVXL0530ANF	8.7
2003	Iseki Matsuyama	3ICLL0.93B3C	0.93
2003	Iseki Matsuyama	3ICLL1.01B3F	1.0
2003	Iseki Matsuyama	3ICLL1.12B3G	1.1
2003	Iseki Matsuyama	3ICLL1.43C3B	1.4
2003	Iseki Matsuyama	3ICLL1.46C3C	1.5
2003	Iseki Matsuyama	3ICLL1.50C3D	1.5
2003	Iseki Matsuyama	3ICLL1.50C3T	1.5
2003	Iseki Matsuyama	3ICLL2.20C4E	2.2
2003	Iseki Matsuyama	3ICLL2.84D4D	2.8
2003	Ishikawajima-Shibaura	3H3XL.451E2V	0.45
2003	Ishikawajima-Shibaura	3H3XL.676E3V	0.68
2003	Ishikawajima-Shibaura	3H3XL.676LCS	0.68
2003	Ishikawajima-Shibaura	3H3XL.676M20	0.68
2003	Ishikawajima-Shibaura	3H3XL.761ELV	0.76
2003	Ishikawajima-Shibaura	3H3XL.761LCS	0.76
2003	Ishikawajima-Shibaura	3H3XL.954S5C	0.95
2003	Ishikawajima-Shibaura	3H3XL.954S5V	0.95
2003	Ishikawajima-Shibaura	3H3XL1.00S7V	1.0
2003	Ishikawajima-Shibaura	3H3XL1.13LCS	1.1
2003	Ishikawajima-Shibaura	3H3XL1.13MSL	1.1
2003	Ishikawajima-Shibaura	3H3XL1.13SLV	1.1
2003	Ishikawajima-Shibaura	3H3XL1.33J3C	1.3
2003	Ishikawajima-Shibaura	3H3XL1.33J3V	1.3
2003	Ishikawajima-Shibaura	3H3XL1.33J84	1.3
2003	Ishikawajima-Shibaura	3H3XL1.49N3C	1.5
2003	Ishikawajima-Shibaura	3H3XL1.49N3V	1.5
2003	Ishikawajima-Shibaura	3H3XL2.00N4T	2
2003	Ishikawajima-Shibaura	3H3XL2.00N84	2
2003	Ishikawajima-Shibaura	3H3XL2.00NCS	2
2003	Ishikawajima-Shibaura	3H3XL2.22L84	2.2
2003	Ishikawajima-Shibaura	3H3XL2.22N4L	2.2
2003	Ishikawajima-Shibaura	3H3XL2.22N4T	2.2
2003	Ishikawajima-Shibaura	3H3XL2.22NLC	2.2
2003	Ishikawajima-Shibaura	3H3XM.451M10	0.45
2003	Ishikawajima-Shibaura	3H3XM.954M30	0.95
2003	Ishikawajima-Shibaura	3H3XM1.49M40	1.5
2003	Isuzu	3SZXL00.9WNA	0.90
2003	Isuzu	3SZXL01.1WNA	1.1
2003	Isuzu	3SZXL01.1YNA	1.1
2003	Isuzu	3SZXL01.5DNA	1.5
2003	Isuzu	3SZXL01.5DTA	1.5
2003	Isuzu	3SZXL01.5WNA	1.5
2003	Isuzu	3SZXL01.5YNA	1.5
2003	Isuzu	3SZXL01.5YNB	1.5
		3SZXL02.2DNA	

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Model Year	Manufacturer	Engine Family	Displacement (L)
2003	Komatsu	3KLXL030.AAA	30
2003	Komatsu	3KLXL0359AAB	5.9
2003	Komatsu	3KLXL0359ABC	5.9
2003	Komatsu	3KLXL0359ACA	5.9
2003	Komatsu	3KLXL0505ABD	8.3
2003	Komatsu	3KLXL11.0DC3	11
2003	Komatsu	3KLXL11.0DD3	11
2003	Komatsu	3KLXL11.0DD5	11
2003	Komatsu	3KLXL15.2EC3	15.2
2003	Komatsu	3KLXL15.2ED3	15.2
2003	Komatsu	3KLXL15.2EE3	15.2
2003	Komatsu	3KLXL23.2FC2	23.2
2003	Komatsu	3KLXL23.2FC3	23.2
2003	Komatsu	3KLXL23.2FD3	23.2
2003	Komatsu	3KLXL23.2FD4	23.2
2003	Kubota	3KBXL.276KCB	0.28
2003	Kubota	3KBXL.309KCB	0.31
2003	Kubota	3KBXL.400KCB	0.40
2003	Kubota	3KBXL.416KCB	0.42
2003	Kubota	3KBXL.570KCC	0.57
2003	Kubota	3KBXL.719KCB	0.48
2003	Kubota	3KBXL.719KCC	0.48
2003	Kubota	3KBXL.778KCB	0.78
2003	Kubota	3KBXL.898KCB	0.60
2003	Kubota	3KBXL01.0BCB	0.90
2003	Kubota	3KBXL01.1BCB	1.1
2003	Kubota	3KBXL01.2BCD	0.90
2003	Kubota	3KBXL01.3BCC	0.90
2003	Kubota	3KBXL01.3BCD	1.0
2003	Kubota	3KBXL01.4FCC	1.4
2003	Kubota	3KBXL01.5BAD	1.1
2003	Kubota	3KBXL01.5BCC	1.1
2003	Kubota	3KBXL01.5BCD	1.1
2003	Kubota	3KBXL01.5EAD	1.5
2003	Kubota	3KBXL01.5ECD	1.5
2003	Kubota	3KBXL01.5FAD	1.5
2003	Kubota	3KBXL01.5FCD	1.5
2003	Kubota	3KBXL01.9FCC	1.9
2003	Kubota	3KBXL01.9FCD	1.4
2003	Kubota	3KBXL02.0EAD	2
2003	Kubota	3KBXL02.0FAC	2.0
2003	Kubota	3KBXL02.0FAD	2.0
2003	Kubota	3KBXL02.2ECC	2.2
2003	Kubota	3KBXL02.2ECD	2.2
2003	Kubota	3KBXL02.2FCC	1.6
2003	Kubota	3KBXL02.2FCD	1.6
2003	Kubota	3KBXL02.2GCD	1.6
2003	Kubota	3KBXL02.4ECD	1.8
2003	Kubota	3KBXL02.4FCD	1.8
2003	Kubota	3KBXL02.4GCD	2.4
2003	Kubota	3KBXL02.4HCD	2.4

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Model Year	Manufacturer	Engine Family	Displacement (L)
2003	Kubota	3KBXL02.8BCC	2.7
2003	Kubota	3KBXL03.3AAD	3.3
2003	Kubota	3KBXL03.3ACD	3.3
2003	Kubota	3KBXL03.3BAC	3.3
2003	Kubota	3KBXL03.3BAD	3.3
2003	Kubota	3KBXL03.3BCC	3.3
2003	Kubota	3KBXL03.3BCD	3.3
2003	Liebherr Machines Bulle SA	3LHAL17.2ARA	12.9
2003	Liebherr Machines Bulle SA	3LHAL17.2ATA	12.9
2003	Liebherr Machines Bulle SA	3LHAL17.2AUA	12.9
2003	Liebherr Machines Bulle SA	3LHAL9.96ARA	6.6
2003	Liebherr Machines Bulle SA	3LHAL9.96ASA	6.6
2003	Liebherr Machines Bulle SA	3LHAL9.96ATA	6.6
2003	Liebherr Machines Bulle SA	3LHAL9.96AUA	6.6
2003	Lister-Petter	3L5XL1.17FX8	1.2
2003	Lister-Petter	3L5XL1.17VX8	1.2
2003	Lister-Petter	3L5XL1.72FX9	1.7
2003	Lister-Petter	3L5XL1.862TC	1.9
2003	Lister-Petter	3L5XL1.86FTC	1.9
2003	Lister-Petter	3L5XL1.86FWS	1.9
2003	Lister-Petter	3L5XL1.86LWS	1.9
2003	Lister-Petter	3L5XL2.29FX9	2.3
2003	Lister-Petter	3L5XL2.29VX9	2.3
2003	Lister-Petter	3L5XL3.332DW	3.3
2003	Lombardini Motori	3LBDL315152	0.32
2003	Lombardini Motori	3LBDL349153	0.35
2003	Lombardini Motori	3LBDL401154	0.4
2003	Lombardini Motori	3LBDL686SF2	0.69
2003	Lombardini Motori	3LBDL916F69	0.61
2003	Lombardini Motori	3LBDL954127	0.95
2003	Lombardini Motori	3LBDL1.22FO4	1.2
2003	Lombardini Motori	3LBDL1.22FOT	1.2
2003	Lombardini Motori	3LBDL1.37SFO	1.0
2003	Lombardini Motori	3LBDL1.87911	1.2
2003	Lombardini Motori	3LBDL2.07CHD	1.6
2003	Lombardini Motori	3LBDL2.07CHT	2.1
2003	Lombardini Motori	3LBDL2.19CHP	1.6
2003	Mahindra & Mahindra	3MMLL01.8475	1.9
2003	Mahindra & Mahindra	3MMLL01.8C27	1.9
2003	Mahindra & Mahindra	3MMLL02.4NEF	2.4
2003	Mahindra & Mahindra	3MMLL03.1NEF	3.1
2003	Mahindra & Mahindra	3MMLL03.2NEF	3.2
2003	Mahindra & Mahindra	3MMLL03.5NEF	3.5
2003	Mazda	3TKXL02.5AAA	2.5
2003	Mazda	3TKXL02.5BAA	2.5
		3TKXL03.0BAA	

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Model Year	Manufacturer	Engine Family	Displacement (L)
2003	Mitsubishi Fuso	3MFTL07.5D6E	7.5
2003	Mitsubishi Fuso	3MFTL07.5D6E	7.5
2003	Mitsubishi Heavy Industries	3MVXL00.6BBB	0.60
2003	Mitsubishi Heavy Industries	3MVXL01.0AAA	1.0
2003	Mitsubishi Heavy Industries	3MVXL01.0BBB	0.60
2003	Mitsubishi Heavy Industries	3MVXL01.3AAA	1.1
2003	Mitsubishi Heavy Industries	3MVXL01.5AAA	1.5
2003	Mitsubishi Heavy Industries	3MVXL01.5BBB	1.5
2003	Mitsubishi Heavy Industries	3MVXL01.5CCC	1.5
2003	Mitsubishi Heavy Industries	3MVXL01.8AAA	1.1
2003	Mitsubishi Heavy Industries	3MVXL02.3AAA	2.3
2003	Mitsubishi Heavy Industries	3MVXL02.3BBB	2.3
2003	Mitsubishi Heavy Industries	3MVXL02.3CCC	2.3
2003	Mitsubishi Heavy Industries	3MVXL02.5AAA	2.3
2003	Mitsubishi Heavy Industries	3MVXL03.3AAA	3.3
2003	Mitsubishi Heavy Industries	3MVXL04.2AAA	4.2
2003	Mitsubishi Heavy Industries	3MVXL05.0AAA	5
2003	Mitsubishi Heavy Industries	3MVXL05.0AAC	5
2003	Mitsubishi Heavy Industries	3MVXL05.0BBB	5
2003	Mitsubishi Heavy Industries	3MVXL05.0DDD	3.3
2003	Mitsubishi Heavy Industries	3MVXL06.4AAB	6.4
2003	Mitsubishi Heavy Industries	3MVXL06.4DDD	6.4
2003	Mitsubishi Heavy Industries	3MVXL18.6BAA	18.6
2003	Mitsubishi Heavy Industries	3MVXL24.5ABD	24.5
2003	Mitsubishi Heavy Industries	3MVXL24.5ABE	24.5
2003	Mitsubishi Heavy Industries	3MVXL24.5BAA	24.5
2003	Mitsubishi Heavy Industries	3MVXL24.5BAB	24.5
2003	Mitsubishi Motors	3MTXL02.8M4A	2.8
2003	Mitsubishi Motors	3MTXL03.5D3A	3.5
2003	Mitsubishi Motors	3MTXL04.2D3A	4.2
2003	Mitsubishi Motors	3MTXL11.9D2A	11.9
2003	Motorenfabrik Hatz	3HZXL.232C20	0.20
2003	Motorenfabrik Hatz	3HZXL.232V20	0.20
2003	Motorenfabrik Hatz	3HZXL.347C30	0.40
2003	Motorenfabrik Hatz	3HZXL.347V30	0.40
2003	Motorenfabrik Hatz	3HZXL.413C41	0.40
2003	Motorenfabrik Hatz	3HZXL.462C40	0.50
2003	Motorenfabrik Hatz	3HZXL.462V40	0.50
2003	Motorenfabrik Hatz	3HZXL.517C50	0.50
2003	Motorenfabrik Hatz	3HZXL.667C81	0.70
2003	Motorenfabrik Hatz	3HZXL.667C82	0.70
2003	Motorenfabrik Hatz	3HZXL.667C83	0.67
2003	Motorenfabrik Hatz	3HZXL.722C91	0.72
2003	Motorenfabrik Hatz	3HZXL.997C40	1.0
2003	Motorenfabrik Hatz	3HZXL3.43A37	3.4
		3NDXL03.0FNA	

Model Year	Manufacturer	Engine Family	Displacement (L)
2003	Perkins	3PKXL02.6UB1	2.6
2003	Perkins	3PKXL02.7CP1	2.7
2003	Perkins	3PKXL02.7CP2	2.7
2003	Perkins	3PKXL02.7CR1	2.7
2003	Perkins	3PKXL03.0UA1	3
2003	Perkins	3PKXL03.0UC1	3
2003	Perkins	3PKXL03.9AK1	3.9
2003	Perkins	3PKXL04.0AJ1	4
2003	Perkins	3PKXL04.2AR1	4.2
2003	Perkins	3PKXL04.4RE1	4.4
2003	Perkins	3PKXL04.4RF1	4.4
2003	Perkins	3PKXL04.4RG1	4.4
2003	Perkins	3PKXL04.4RH1	4.4
2003	Perkins	3PKXL04.4RH2	4.4
2003	Perkins	3PKXL04.4RJ1	4.4
2003	Perkins	3PKXL04.4RK1	4.4
2003	Perkins	3PKXL06.0VK1	6
2003	Volkswagen	3VWXL01.9ADE	1.9
2003	Volkswagen	3VWXL01.9ADG	1.9
2003	Volvo Construction Equipment	3VSXL09.6CE2	9.6
2003	Volvo Construction Equipment	3VSXL12.1CE2	12.1
2003	Volvo Construction Equipment	3VSXL16.0CE2	16
2003	Yanmar	3YDXL0.22D1N	0.22
2003	Yanmar	3YDXL0.31D1N	0.31
2003	Yanmar	3YDXL0.41D1N	0.41
2003	Yanmar	3YDXL0.49P2N	0.49
2003	Yanmar	3YDXL0.52R2N	0.52
2003	Yanmar	3YDXL0.66P3N	0.66
2003	Yanmar	3YDXL0.74P3N	0.74
2003	Yanmar	3YDXL0.75P2N	0.75
2003	Yanmar	3YDXL0.78P3N	0.78
2003	Yanmar	3YDXL0.78R3N	0.78
2003	Yanmar	3YDXL0.85W3N	0.85
2003	Yanmar	3YDXL0.88P3N	0.88
2003	Yanmar	3YDXL0.88R3N	0.88
2003	Yanmar	3YDXL0.95P3N	0.95
2003	Yanmar	3YDXL1.01P3N	1.0
2003	Yanmar	3YDXL1.01R3N	1.0
2003	Yanmar	3YDXL1.01T3N	1.0
2003	Yanmar	3YDXL1.11V3N	1.1
2003	Yanmar	3YDXL1.11W3N	1.1
2003	Yanmar	3YDXL1.20D3N	1.2
2003	Yanmar	3YDXL1.20F3N	1.2
2003	Yanmar	3YDXL1.33D3N	1.3
2003	Yanmar	3YDXL1.33F3N	1.3
2003	Yanmar	3YDXL1.33K3N	1.3
2003	Yanmar	3YDXL1.33M3N	1.3
2003	Yanmar	3YDXL1.50D3N	1.5
2003	Yanmar	3YDXL1.50D3T	1.5
2003	Yanmar	3YDXL1.50F3T	1.5
2003	Yanmar	3YDXL1.50H3N	1.5

Model Year	Manufacturer	Engine Family	Displacement (L)
2003	Yanmar	3YDXL1.50J3N	1.5
2003	Yanmar	3YDXL1.50J3T	1.5
2003	Yanmar	3YDXL1.50K3T	1.5
2003	Yanmar	3YDXL1.50M3N	1.5
2003	Yanmar	3YDXL1.64D3N	1.6
2003	Yanmar	3YDXL1.64F3N	1.6
2003	Yanmar	3YDXL1.64J3N	1.6
2003	Yanmar	3YDXL1.64M3N	1.6
2003	Yanmar	3YDXL1.90D4N	1.9
2003	Yanmar	3YDXL2.00D4N	2.0
2003	Yanmar	3YDXL2.00D4T	2.0
2003	Yanmar	3YDXL2.00F4N	2.0
2003	Yanmar	3YDXL2.00F4T	2.0
2003	Yanmar	3YDXL2.00J4N	2.0
2003	Yanmar	3YDXL2.00K4N	2.0
2003	Yanmar	3YDXL2.00M4T	2.0
2003	Yanmar	3YDXL2.09D4N	2.1
2003	Yanmar	3YDXL2.09K4N	2.1
2003	Yanmar	3YDXL2.19D4N	2.2
2003	Yanmar	3YDXL2.19E4N	2.2
2003	Yanmar	3YDXL2.19H4N	2.2
2003	Yanmar	3YDXL2.19J4N	2.2
2003	Yanmar	3YDXL2.19K4N	2.2
2003	Yanmar	3YDXL2.78D4N	2.8
2003	Yanmar	3YDXL2.78F4N	2.8
2003	Yanmar	3YDXL3.05J4N	3.1
2003	Yanmar	3YDXL3.05M4N	3.1
2003	Yanmar	3YDXL3.32D4N	3.3
2003	Yanmar	3YDXL3.32F4N	3.3
2003	Yanmar	3YDXL3.32J4N	3.3
2003	Yanmar	3YDXL3.32J4T	3.3
2003	Yanmar	3YDXL3.32K4N	3.3
2003	Yanmar	3YDXL3.32K4T	3.3
2003	Yanmar	3YDXL4.41D4N	4.4
2003	Yanmar	3YDXL4.41E4N	4.4
2003	Yanmar	3YDXL4.41F4T	4.4
2003	Yanmar	3YDXL4.41K4N	4.4
2003	Yanmar	3YDXL4.41K4T	4.4
2003	Yanmar	3YDXM0.32P1N	0.32
2003	Yanmar	3YDXM0.64P2N	0.64
2003	Yanmar	3YDXM0.95P3N	0.95
2003	Yanmar	3YDXM1.50D3N	1.5
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2004	AB Volvo Penta	4VPXL07.3ACB	7.3
		4VPXL12.1ACA	

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Model Year	Manufacturer	Engine Family	Displacement (L)
2004	Cummins	4CEXL015.AAD	15
2004	Cummins	4CEXL015.ABA	15
2004	Cummins	4CEXL019.AAB	19.0
2004	Cummins	4CEXL019.AAC	19
2004	Cummins	4CEXL023.AAA	23.2
2004	Cummins	4CEXL0239AAD	3.9
2004	Cummins	4CEXL0239AAF	3.9
2004	Cummins	4CEXL0239AAG	3.9
2004	Cummins	4CEXL0275AAB	4.5
2004	Cummins	4CEXL0275AAC	4.5
2004	Cummins	4CEXL0275AAD	4.5
2004	Cummins	4CEXL0275AAE	4.5
2004	Cummins	4CEXL0275AAF	4.5
2004	Cummins	4CEXL03.3ABA	3.3
2004	Cummins	4CEXL03.3ABB	3.3
2004	Cummins	4CEXL030.AAA	30
2004	Cummins	4CEXL0359AAB	5.9
2004	Cummins	4CEXL0359AAC	5.9
2004	Cummins	4CEXL0359AAD	5.9
2004	Cummins	4CEXL0359AAE	5.9
2004	Cummins	4CEXL0359AAF	5.9
2004	Cummins	4CEXL0359AAH	5.9
2004	Cummins	4CEXL0359ABC	5.9
2004	Cummins	4CEXL0359ABE	5.9
2004	Cummins	4CEXL0409AAA	6.7
2004	Cummins	4CEXL0505AAD	8.3
2004	Cummins	4CEXL0505ABC	8.3
2004	Cummins	4CEXL0505ABD	8.3
2004	Cummins	4CEXL0505ACB	8.3
2004	Cummins	4CEXL0505ACC	8.3
2004	Cummins	4CEXL0540AAA	8.8
2004	Cummins	4CEXL0661AAC	10.8
2004	Cummins	4CEXL0661AAD	10.8
2004	Cummins	4CEXL0661AAE	10.8
2004	Cummins	4CEXL1.46A32	1.5
2004	Cummins	4CEXL1.71A31	1.7
2004	Cummins	4CEXL2.08A43	2.1
2004	Cummins	4CEXL2.28A41	2.3
2004	Cummins	4CEXL2.28A42	2.3
2004	Daedong Industrial	3DCLL.927D5G	0.93
2004	Daedong Industrial	4DCLL.927D75	0.93
2004	Daedong Industrial	4DCLL01.3D13	1.3
2004	Daedong Industrial	4DCLL01.4D14	1.4
2004	Daedong Industrial	4DCLL01.4D80	1.4
2004	Daedong Industrial	4DCLL02.0D5T	2.0
2004	Daedong Industrial	4DCLL02.0D83	2.0
2004	Daedong Industrial	4DCLL02.2D7T	2.2
2004	Daedong Industrial	4DCLL02.2D87	2.2
2004	Daewoo	4DWXL05.8C5A	5.8
2004	Daewoo	4DWXL05.8COA	5.8
2004	Daewoo	4DWXL05.8CRN	5.8

Model Year	Manufacturer	Engine Family	Displacement (L)
2004	Daewoo	4DWXL08.1CPA	8.1
2004	Daewoo	4DWXL11.1BIA	11.1
2004	Daewoo	4DWXL11.1DJA	11.1
2004	Daewoo	4DWXL18.3ASC	18.3
2004	Daewoo	4DWXL2.37ANT	2.4
2004	Daewoo	4DWXL21.9AYA	21.9
2004	Daihatsu	4DHXL.6972D1	0.70
2004	Daihatsu	4DHXL.9532D1	0.95
2004	Daihatsu	4DHXL.9532DT	0.95
2004	Daihatsu	4DJXL.9532D1	0.95
2004	DaimlerChrysler	4MBXL12.0RJB	12
2004	DaimlerChrysler	4MBXL12.0RJC	12
2004	DaimlerChrysler	4MBXL15.9RJA	15.9
2004	DaimlerChrysler	4MBXL21.9R6A	22.0
2004	DaimlerChrysler	4MBXL21.9R6B	21.9
2004	DaimlerChrysler	4MBXL4.25RJB	4.3
2004	DaimlerChrysler	4MBXL6.37RJB	6.4
2004	DaimlerChrysler	4MBXL7.20RJA	7.2
2004	Deere	4JDXL02.4074	2.4
2004	Deere	4JDXL02.9017	2.9
2004	Deere	4JDXL02.9018	2.9
2004	Deere	4JDXL02.9050	2.9
2004	Deere	4JDXL03.0064	3.0
2004	Deere	4JDXL04.5025	4.5
2004	Deere	4JDXL04.5040	4.5
2004	Deere	4JDXL04.5042	4.5
2004	Deere	4JDXL04.5043	4.5
2004	Deere	4JDXL04.5051	4.5
2004	Deere	4JDXL04.5057	4.5
2004	Deere	4JDXL04.5062	4.5
2004	Deere	4JDXL04.5075	4.5
2004	Deere	4JDXL06.8014	4.5
2004	Deere	4JDXL06.8038	6.8
2004	Deere	4JDXL06.8039	4.5
2004	Deere	4JDXL06.8039	4.5
2004	Deere	4JDXL06.8041	4.5
2004	Deere	4JDXL06.8044	4.5
2004	Deere	4JDXL06.8048	4.5
2004	Deere	4JDXL06.8049	4.5
2004	Deere	4JDXL06.8052	6.8
2004	Deere	4JDXL06.8053	6.8
2004	Deere	4JDXL06.8054	6.8
2004	Deere	4JDXL06.8055	6.8
2004	Deere	4JDXL06.8072	6.8
2004	Deere	4JDXL08.1037	8.1
2004	Deere	4JDXL08.1045	8.1
2004	Deere	4JDXL08.1058	8.1
2004	Deere	4JDXL08.1059	8.1
2004	Deere	4JDXL12.5035	12.5
2004	Deere	4JDXL12.5073	12.5
2004	Detroit Diesel Corporation	4DDXL08.5YJD	8.5

Model Year	Manufacturer	Engine Family	Displacement (L)
2004	Detroit Diesel Corporation	4DDXL12.7VGD	12.7
2004	Detroit Diesel Corporation	4DDXL14.0VLD	14
2004	Detroit Diesel Corporation	4DDXL23.9WRE	15.9
2004	Detroit Diesel Corporation	4DDXL31.8XRE	15.9
2004	Detroit Diesel Corporation	4DDXL35.8GRP	23.9
2004	Deutz	4DZXL00.7030	0.69
2004	Deutz	4DZXL00.9024	0.92
2004	Deutz	4DZXL01.2022	1.2
2004	Deutz	4DZXL01.2023	1.2
2004	Deutz	4DZXL01.4018	1.4
2004	Deutz	4DZXL01.4029	1.4
2004	Deutz	4DZXL01.7044	1.7
2004	Deutz	4DZXL03.1039	3.1
2004	Deutz	4DZXL03.1040	3.1
2004	Deutz	4DZXL03.1041	3.1
2004	Deutz	4DZXL05.7019	3.8
2004	Deutz	4DZXL05.7033	5.7
2004	Deutz	4DZXL06.1028	4
2004	Deutz	4DZXL06.1038	6.1
2004	Deutz	4DZXL06.5035	6.5
2004	Deutz	4DZXL06.5036	6.5
2004	Deutz	4DZXL06.5037	6.5
2004	Deutz	4DZXL06.5042	6.5
2004	Deutz	4DZXL06.5043	6.5
2004	Deutz	4DZXL07.1005	4.8
2004	Deutz	4DZXL07.1032	7.2
2004	Deutz	4DZXL07.1034	7.2
2004	Deutz	4DZXL15.9002	11.9
2004	Deutz	4DZXL35.0001	17.5
2004	Hino	4HMXL04.0WDH	4.0
2004	Hino	4HMXL12.8KUV	12.9
2004	International	4NVXL0365AFA	6
2004	International	4NVXL0530ANE	8.7
2004	International	4NVXL0530ANF	8.7
2004	Iseki Matsuyama	4ICLL0.93B3C	0.93
2004	Iseki Matsuyama	4ICLL1.01B3F	1.0
2004	Iseki Matsuyama	4ICLL1.12B3G	1.1
2004	Iseki Matsuyama	4ICLL1.43C3B	1.4
2004	Iseki Matsuyama	4ICLL1.46C3C	1.5
2004	Iseki Matsuyama	4ICLL1.50C3D	1.5
2004	Iseki Matsuyama	4ICLL1.50C3T	1.5
2004	Iseki Matsuyama	4ICLL2.20C4E	2.2
2004	Iseki Matsuyama	4ICLL2.84D4D	2.8
2004	Iseki Matsuyama	4ICLL2.96D4E	3.0
2004	Ishikawajima-Shibaura	4H3XL.451E2V	0.45
2004	Ishikawajima-Shibaura	4H3XL.507E2C	0.51
2004	Ishikawajima-Shibaura	4H3XL.507E2V	0.51
2004	Ishikawajima-Shibaura	4H3XL.676E3V	0.68
2004	Ishikawajima-Shibaura	4H3XL.676LCS	0.68
2004	Ishikawajima-Shibaura	4H3XL.761E3V	0.51
2004	Ishikawajima-Shibaura	4H3XL.761ELV	0.76

Model Year	Manufacturer	Engine Family	Displacement (L)
2004	Ishikawajima-Shibaura	4H3XL.761LCS	0.76
2004	Ishikawajima-Shibaura	4H3XL.954S5C	0.95
2004	Ishikawajima-Shibaura	4H3XL.954S5V	0.95
2004	Ishikawajima-Shibaura	4H3XL1.00S7V	1.0
2004	Ishikawajima-Shibaura	4H3XL1.13LCS	1.1
2004	Ishikawajima-Shibaura	4H3XL1.13MSL	1.1
2004	Ishikawajima-Shibaura	4H3XL1.13SLC	1.1
2004	Ishikawajima-Shibaura	4H3XL1.13SLV	1.1
2004	Ishikawajima-Shibaura	4H3XL1.33J3C	1.3
2004	Ishikawajima-Shibaura	4H3XL1.33J3V	1.3
2004	Ishikawajima-Shibaura	4H3XL1.33J84	1.3
2004	Ishikawajima-Shibaura	4H3XL1.49N3C	1.5
2004	Ishikawajima-Shibaura	4H3XL1.49N3V	1.5
2004	Ishikawajima-Shibaura	4H3XL2.00N4T	2.0
2004	Ishikawajima-Shibaura	4H3XL2.00N84	1.5
2004	Ishikawajima-Shibaura	4H3XL2.00NCS	1.5
2004	Ishikawajima-Shibaura	4H3XL2.224LC	2.2
2004	Ishikawajima-Shibaura	4H3XL2.22L84	1.7
2004	Ishikawajima-Shibaura	4H3XL2.22N4L	2.2
2004	Ishikawajima-Shibaura	4H3XL2.22N4T	2.2
2004	Ishikawajima-Shibaura	4H3XL2.22NLC	2.2
2004	Ishikawajima-Shibaura	4H3XL2.22NLT	2.2
2004	Ishikawajima-Shibaura	4H3XM.451M10	0.45
2004	Ishikawajima-Shibaura	4H3XM.676M20	0.68
2004	Ishikawajima-Shibaura	4H3XM.954M30	0.95
2004	Ishikawajima-Shibaura	4H3XM1.49M40	1.5
2004	Isuzu	4SZXL01.1DNA	1.1
2004	Isuzu	4SZXL01.1WNA	1.1
2004	Isuzu	4SZXL01.5DNA	1.5
2004	Isuzu	4SZXL01.5DNB	1.5
2004	Isuzu	4SZXL01.5WNA	1.5
2004	Isuzu	4SZXL02.2DNA	2.2
2004	Isuzu	4SZXL02.2DNB	2.2
2004	Isuzu	4SZXL02.2DNC	2.2
2004	Isuzu	4SZXL02.2GNA	2.2
2004	Isuzu	4SZXL02.4DNA	2.4
2004	Isuzu	4SZXL03.1GNA	3.1
2004	Isuzu	4SZXL03.1GNB	3.1
2004	Isuzu	4SZXL03.1GNC	3.1
2004	Isuzu	4SZXL03.1GTA	3.1
2004	Isuzu	4SZXL03.1GTB	3.1
2004	Isuzu	4SZXL04.3FTA	4.3
2004	Isuzu	4SZXL04.3FTA	4.3
2004	Isuzu	4SZXL04.3FXA	4.3
		4SZXL06.5EXA	

Model Year	Manufacturer	Engine Family	Displacement (L)
2004	Isuzu	4SZXL06.8ETA	7.8
2004	Isuzu	4SZXL07.8EXA	7.8
2004	Isuzu	4SZXL09.8EXA	9.8
2004	Isuzu	4SZXL15.7ETA	15.7
2004	Isuzu	4SZXL15.7EXA	15.7
2004	Iveco	4VEXL03.9B1X	3.9
2004	Iveco	4VEXL03.9B1Z	2.9
2004	Iveco	4VEXL04.5DNA	4.5
2004	Iveco	4VEXL04.5DTC	4.5
2004	Iveco	4VEXL05.9DGS	5.9
2004	Iveco	4VEXL05.9DTA	5.9
2004	Iveco	4VEXL06.7DCR	6.7
2004	Iveco	4VEXL06.7DTA	6.7
2004	Iveco	4VEXL07.8CRS	7.8
2004	Iveco	4VEXL10.3CRS	10.3
2004	Iveco	4VEXL12.9CRS	12.9
2004	Iveco	4VEXL12.9GEN	12.9
2004	Iveco	4VEXL12.9VGT	12.9
2004	Komatsu	4KLXL0239AAD	3.9
2004	Komatsu	4KLXL0239AAF	3.9
2004	Komatsu	4KLXL0239ADA	3.9
2004	Komatsu	4KLXL0275AAC	4.5
2004	Komatsu	4KLXL0275AAD	4.5
2004	Komatsu	4KLXL03.3JA3	3.3
2004	Komatsu	4KLXL03.3JB3	3.3
2004	Komatsu	4KLXL03.3JD3	3.3
2004	Komatsu	4KLXL030.AAA	30
2004	Komatsu	4KLXL0359AAB	5.9
2004	Komatsu	4KLXL0359AAE	5.9
2004	Komatsu	4KLXL0359ABC	5.9
2004	Komatsu	4KLXL0505ABC	8.3
2004	Komatsu	4KLXL0505ABD	8.3
2004	Komatsu	4KLXL11.0DC3	11
2004	Komatsu	4KLXL11.0DD3	11
2004	Komatsu	4KLXL11.0DD5	11
2004	Komatsu	4KLXL15.2EC3	15.2
2004	Komatsu	4KLXL15.2ED3	15.2
2004	Komatsu	4KLXL15.2EE3	15.2
2004	Komatsu	4KLXL23.2FC2	23.2
2004	Komatsu	4KLXL23.2FC3	23.2
2004	Komatsu	4KLXL23.2FD3	23.2
2004	Komatsu	4KLXL23.2FD4	23.2
2004	Kubota	4KBXL.276KCB	0.28
2004	Kubota	4KBXL.309KCB	0.31
2004	Kubota	4KBXL.400KCB	0.40
2004	Kubota	4KBXL.416KCB	0.42
2004	Kubota	4KBXL.570KCC	0.57
2004	Kubota	4KBXL.719KCB	0.48
2004	Kubota	4KBXL.719KCC	0.48
2004	Kubota	4KBXL.778KCB	0.78
2004	Kubota	4KBXL.898KCB	0.60

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Model Year	Manufacturer	Engine Family	Displacement (L)
2004	Lister-Petter	4L5XL1.56FX8	1.6
2004	Lister-Petter	4L5XL1.56VX8	1.6
2004	Lister-Petter	4L5XL1.72FX9	1.7
2004	Lister-Petter	4L5XL1.72VX9	1.7
2004	Lister-Petter	4L5XL1.86FWS	0.93
2004	Lister-Petter	4L5XL2.29VX9	2.3
2004	Lombardini Motori	4LBDL315152	0.32
2004	Lombardini Motori	4LBDL349153	0.35
2004	Lombardini Motori	4LBDL401154	0.40
2004	Lombardini Motori	4LBDL442155	0.44
2004	Lombardini Motori	4LBDL686SF2	0.69
2004	Lombardini Motori	4LBDL851R19	0.85
2004	Lombardini Motori	4LBDL916F69	0.61
2004	Lombardini Motori	4LBDL954127	0.95
2004	Lombardini Motori	4LBDL1.259LD	1.2
2004	Lombardini Motori	4LBDL1.37SFO	1.0
2004	Lombardini Motori	4LBDL2.07CHD	1.6
2004	Lombardini Motori	4LBDL2.19CHP	1.6
2004	Mahindra & Mahindra	4MMLL01.8475	1.9
2004	Mahindra & Mahindra	4MMLL01.8C27	1.9
2004	Mahindra & Mahindra	4MMLL02.4NEF	2.4
2004	Mahindra & Mahindra	4MMLL03.1NEF	3.1
2004	Mahindra & Mahindra	4MMLL03.2NEF	3.2
2004	Mahindra & Mahindra	4MMLL03.2NET	3.2
2004	Mahindra & Mahindra	4MMLL03.2NTY	3.2
2004	Mahindra & Mahindra	4MMLL03.5NEF	3.5
2004	Mazda	4TKXL02.5DAA	2.5
2004	Mazda	4TKXL03.0DAA	3.0
2004	Mitsubishi Fuso	4MFTL02.8M4A	2.8
2004	Mitsubishi Fuso	4MFTL03.9D3A	3.9
2004	Mitsubishi Fuso	4MFTL05.8D3A	5.9
2004	Mitsubishi Fuso	4MFTL05.8D3B	5.9
2004	Mitsubishi Fuso	4MFTL07.5D6A	7.5
2004	Mitsubishi Fuso	4MFTL07.5D6D	7.5
2004	Mitsubishi Fuso	4MFTL07.5D6E	7.5
2004	Mitsubishi Fuso	4MFTL11.9D2A	11.9
2004	Mitsubishi Heavy Industries	4MVXL00.6BBB	0.60
2004	Mitsubishi Heavy Industries	4MVXL01.0AAA	1.0
2004	Mitsubishi Heavy Industries	4MVXL01.0BBB	0.60
2004	Mitsubishi Heavy Industries	4MVXL01.3AAA	1.1
2004	Mitsubishi Heavy Industries	4MVXL01.5CCC	1.5
2004	Mitsubishi Heavy Industries	4MVXL01.8AAA	1.1
2004	Mitsubishi Heavy Industries	4MVXL01.8BBB	1.5
	Mitsubishi Heavy Industries		

Model Year	Manufacturer	Engine Family	Displacement (L)
2004	Mitsubishi Heavy Industries	4MVXL05.0AAE	3.3
2004	Mitsubishi Heavy Industries	4MVXL05.0DDD	3.3
2004	Mitsubishi Heavy Industries	4MVXL06.4AAB	6.4
2004	Mitsubishi Heavy Industries	4MVXL06.4DDD	6.4
2004	Mitsubishi Heavy Industries	4MVXL18.6BAA	18.6
2004	Mitsubishi Heavy Industries	4MVXL24.5ABD	24.5
2004	Mitsubishi Heavy Industries	4MVXL24.5ABE	24.5
2004	Mitsubishi Heavy Industries	4MVXL24.5BAA	24.5
2004	Mitsubishi Heavy Industries	4MVXL24.5BAB	24.5
2004	Motorenfabrik Hatz	4HZXL.232C20	0.23
2004	Motorenfabrik Hatz	4HZXL.232V20	0.23
2004	Motorenfabrik Hatz	4HZXL.347C30	0.35
2004	Motorenfabrik Hatz	4HZXL.347V30	0.35
2004	Motorenfabrik Hatz	4HZXL.413C41	0.41
2004	Motorenfabrik Hatz	4HZXL.462C40	0.46
2004	Motorenfabrik Hatz	4HZXL.462V40	0.46
2004	Motorenfabrik Hatz	4HZXL.517C50	0.52
2004	Motorenfabrik Hatz	4HZXL.667C81	0.67
2004	Motorenfabrik Hatz	4HZXL.667C82	0.67
2004	Motorenfabrik Hatz	4HZXL.667C83	0.67
2004	Motorenfabrik Hatz	4HZXL.722C91	0.72
2004	Motorenfabrik Hatz	4HZXL.997C40	1.0
2004	Motorenfabrik Hatz	4HZXL0.69SC1	0.69
2004	Motorenfabrik Hatz	4HZXL0.69SV1	0.69
2004	Motorenfabrik Hatz	4HZXL1.38SC2	1.4
2004	Motorenfabrik Hatz	4HZXL1.38SC3	1.4
2004	Motorenfabrik Hatz	4HZXL1.38SV2	1.4
2004	Motorenfabrik Hatz	4HZXL1.38SV3	1.4
2004	Motorenfabrik Hatz	4HZXL3.43C41	1.7
2004	Motorenfabrik Hatz	4HZXL3.43C42	2.6
2004	Motorenfabrik Hatz	4HZXL3.43V41	1.7
2004	Motorenfabrik Hatz	4HZXL3.43V42	2.6
2004	MTU-Friedrichshafen	4MTUL21.9R2A	21.9
2004	Nissan	4NDXL02.7TNA	2.7
2004	Nissan	4NDXL03.0FTA	3.0
2004	Perkins	4PKXL02.6UB1	2.6
2004	Perkins	4PKXL03.3DC1	3.3
2004	Perkins	4PKXL04.4RE1	4.4
2004	Perkins	4PKXL04.4RF1	4.4
2004	Perkins	4PKXL04.4RG1	4.4
2004	Perkins	4PKXL04.4RH1	4.4
2004	Perkins	4PKXL04.4RH2	4.4
2004	Perkins	4PKXL04.4RH2	4.4
2004	Perkins	4PKXL04.4RJ1	4.4
2004	Perkins	4PKXL04.4RK1	4.4
2004	Perkins	4PKXL06.0VK1	6.0
2004	VM Motori	4V5XL02.1P7J	2.1
2004	VM Motori	4V5XL02.1R7R	2.1
2004	VM Motori	4V5XL02.8R6V	2.8
2004	VM Motori	4V5XL03.0R6W	3.0
2004	VM Motori	4V5XL04.2S5V	4.2

Model Year	Manufacturer	Engine Family	Displacement (L)
2004	Volvo Construction Equipment	4VSXL09.4CE2	9.4
2004	Volvo Construction Equipment	4VSXL09.6CE2	9.6
2004	Volvo Construction Equipment	4VSXL12.1CE2	12.1
2004	Volvo Construction Equipment	4VSXL16.0CE2	16.1
2004	Yanmar	4YDXL0.22D1N	0.22
2004	Yanmar	4YDXL0.31D1N	0.31
2004	Yanmar	4YDXL0.41D1N	0.42
2004	Yanmar	4YDXL0.49P2N	0.49
2004	Yanmar	4YDXL0.52R2N	0.52
2004	Yanmar	4YDXL0.57U2N	0.57
2004	Yanmar	4YDXL0.57V2N	0.57
2004	Yanmar	4YDXL0.66P3N	0.66
2004	Yanmar	4YDXL0.66U3N	0.66
2004	Yanmar	4YDXL0.74P3N	0.74
2004	Yanmar	4YDXL0.75P2N	0.75
2004	Yanmar	4YDXL0.78P3N	0.78
2004	Yanmar	4YDXL0.78R3N	0.78
2004	Yanmar	4YDXL0.78U3N	0.78
2004	Yanmar	4YDXL0.85U3N	0.85
2004	Yanmar	4YDXL0.85V3N	0.85
2004	Yanmar	4YDXL0.85W3N	0.85
2004	Yanmar	4YDXL0.88P3N	0.88
2004	Yanmar	4YDXL0.88R3N	0.88
2004	Yanmar	4YDXL0.95P3N	0.95
2004	Yanmar	4YDXL1.01P3N	1.0
2004	Yanmar	4YDXL1.01R3N	1.0
2004	Yanmar	4YDXL1.11U3N	1.1
2004	Yanmar	4YDXL1.11V3N	1.1
2004	Yanmar	4YDXL1.11W3N	1.1
2004	Yanmar	4YDXL1.11X3N	1.1
2004	Yanmar	4YDXL1.11Y3N	1.1
2004	Yanmar	4YDXL1.20F3N	1.2
2004	Yanmar	4YDXL1.33F3N	1.3
2004	Yanmar	4YDXL1.33J3N	1.3
2004	Yanmar	4YDXL1.33K3N	1.3
2004	Yanmar	4YDXL1.33M3N	1.3
2004	Yanmar	4YDXL1.50H3N	1.5
2004	Yanmar	4YDXL1.50J3N	1.5
2004	Yanmar	4YDXL1.50J3T	1.5
2004	Yanmar	4YDXL1.50K3T	1.5
2004	Yanmar	4YDXL1.50M3N	1.5
2004	Yanmar	4YDXL1.64F3N	1.6
2004	Yanmar	4YDXL1.64J3N	1.6
2004	Yanmar	4YDXL1.64M3N	1.6
2004	Yanmar	4YDXL2.00J4N	2.0
2004	Yanmar	4YDXL2.00J4T	2.0
2004	Yanmar	4YDXL2.00K4N	2.0
2004	Yanmar	4YDXL2.00M4T	2.0
2004	Yanmar	4YDXL2.09K4N	2.1
2004	Yanmar	4YDXL2.19J4N	2.2
2004	Yanmar	4YDXL2.19K4N	2.2

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Model Year	Manufacturer	Engine Family	Displacement (L)
2005	Cummins	5CEXL0540AAB	8.8
2005	Cummins	5CEXL0661AAE	10.8
2005	Cummins	5CEXL0661AAF	10.8
2005	Cummins	5CEXL1.46A32	1.5
2005	Cummins	5CEXL1.71A31	1.7
2005	Cummins	5CEXL2.08A43	2.1
2005	Cummins	5CEXL2.28A41	2.3
2005	Cummins	5CEXL2.28A42	2.3
2005	Daedong Industrial	5DCLL.927D5G	0.93
2005	Daedong Industrial	5DCLL01.3D13	1.3
2005	Daedong Industrial	5DCLL01.4D14	1.4
2005	Daedong Industrial	5DCLL01.4D80	1.4
2005	Daedong Industrial	5DCLL02.0D5T	2.0
2005	Daedong Industrial	5DCLL02.2D7T	2.2
2005	Daewoo	5DWXL05.8COA	5.8
2005	Daewoo	5DWXL05.8CRN	5.8
2005	Daewoo	5DWXL08.1CPA	8.1
2005	Daewoo	5DWXL11.1BIA	11.1
2005	Daewoo	5DWXL11.1DJA	11.1
2005	Daewoo	5DWXL18.3ASC	18.3
2005	Daewoo	5DWXL21.9AYA	21.9
2005	Daihatsu	5DHXL.6972D1	0.70
2005	Daihatsu	5DHXL.9532D1	0.95
2005	Daihatsu	5DHXL.9532DT	0.95
2005	DaimlerChrysler	5MBXL12.0RJB	12
2005	DaimlerChrysler	5MBXL12.0RJC	12
2005	DaimlerChrysler	5MBXL15.9RJA	15.9
2005	DaimlerChrysler	5MBXL21.9R6A	22.0
2005	DaimlerChrysler	5MBXL21.9R6B	21.9
2005	DaimlerChrysler	5MBXL4.25RJB	4.3
2005	DaimlerChrysler	5MBXL6.37RJB	6.4
2005	DaimlerChrysler	5MBXL7.20RJA	7.2
2005	Deere	5JDXL02.4074	2.4
2005	Deere	5JDXL02.9017	2.9
2005	Deere	5JDXL02.9018	2.9
2005	Deere	5JDXL02.9050	2.9
2005	Deere	5JDXL03.0063	2.4
2005	Deere	5JDXL03.0064	3.0
2005	Deere	5JDXL04.5042	4.5
2005	Deere	5JDXL04.5043	4.5
2005	Deere	5JDXL04.5051	4.5
2005	Deere	5JDXL04.5057	4.5
2005	Deere	5JDXL04.5062	4.5
2005	Deere	5JDXL04.5075	4.5
2005	Deere	5JDXL04.5076	4.5
2005	Deere	5JDXL04.5081	4.5
2005	Deere	5JDXL04.5083	4.5
2005	Deere	5JDXL06.8014	4.5
2005	Deere	5JDXL06.8038	6.8
2005	Deere	5JDXL06.8039	4.5
2005	Deere	5JDXL06.8041	4.5

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Model Year	Manufacturer	Engine Family	Displacement (L)
2005	Isuzu	5SZXL02.4DNA	2.4
2005	Isuzu	5SZXL03.1GNA	3.1
2005	Isuzu	5SZXL03.1GNB	3.1
2005	Isuzu	5SZXL03.1GNC	3.1
2005	Isuzu	5SZXL03.1GTA	3.1
2005	Isuzu	5SZXL03.1GTB	3.1
2005	Isuzu	5SZXL04.3FTA	4.3
2005	Isuzu	5SZXL04.3FXA	4.3
2005	Isuzu	5SZXL04.3GTA	4.3
2005	Isuzu	5SZXL04.3GTG	4.3
2005	Isuzu	5SZXL04.3GXA	4.3
2005	Isuzu	5SZXL06.5EXA	6.5
2005	Isuzu	5SZXL06.5FTA	6.5
2005	Isuzu	5SZXL06.5FXA	6.5
2005	Isuzu	5SZXL06.5FXG	6.5
2005	Isuzu	5SZXL07.8ETA	7.8
2005	Isuzu	5SZXL07.8EXA	7.8
2005	Isuzu	5SZXL09.8EXA	9.8
2005	Isuzu	5SZXL15.7ETA	15.7
2005	Isuzu	5SZXL15.7EXA	15.7
2005	Iveco	5VEXL02.3F1A	2.3
2005	Iveco	5VEXL03.9B1X	2.9
2005	Iveco	5VEXL03.9B1Z	2.9
2005	Iveco	5VEXL04.5DNA	3.4
2005	Iveco	5VEXL05.9DGS	5.9
2005	Iveco	5VEXL05.9DTA	5.9
2005	Iveco	5VEXL06.7DCR	3.9
2005	Iveco	5VEXL06.7DGA	6.7
2005	Iveco	5VEXL06.7DTA	3.9
2005	Iveco	5VEXL06.7DTC	3.4
2005	Iveco	5VEXL07.8CRS	7.8
2005	Iveco	5VEXL10.3CRS	10.3
2005	Iveco	5VEXL10.3TR3	10.3
2005	Iveco	5VEXL10.3VGT	10.3
2005	Iveco	5VEXL12.9CRS	12.9
2005	Iveco	5VEXL12.9GEN	12.9
2005	Iveco	5VEXL12.9TR3	12.9
2005	Iveco	5VEXL12.9VGT	12.9
2005	JCB Power Systems	5JCBL04.40TC	4.4
2005	Komatsu	5KLXL0239AAD	3.9
2005	Komatsu	5KLXL0239AAF	3.9
2005	Komatsu	5KLXL0239ADA	3.9
		5KLXL030.AAA	

Model Year	Manufacturer	Engine Family	Displacement (L)
2005	Komatsu	5KLXL0359ABC	5.9
2005	Komatsu	5KLXL0409AAB	6.7
2005	Komatsu	5KLXL0409AAC	6.7
2005	Komatsu	5KLXL0505AAE	8.3
2005	Komatsu	5KLXL0505ABC	8.3
2005	Komatsu	5KLXL0505ABD	8.3
2005	Komatsu	5KLXL11.0DC3	11
2005	Komatsu	5KLXL11.0DD3	11
2005	Komatsu	5KLXL11.0DD5	11
2005	Komatsu	5KLXL15.2EC3	15.2
2005	Komatsu	5KLXL15.2ED3	15.2
2005	Komatsu	5KLXL15.2EE3	15.2
2005	Komatsu	5KLXL23.2FC2	23.2
2005	Komatsu	5KLXL23.2FC3	23.2
2005	Komatsu	5KLXL23.2FD3	23.2
2005	Komatsu	5KLXL23.2FD4	23.2
2005	Kubota	5KBXL.276KCB	0.28
2005	Kubota	5KBXL.309KCB	0.31
2005	Kubota	5KBXL.400KCB	0.40
2005	Kubota	5KBXL.416KCB	0.42
2005	Kubota	5KBXL.719KCB	0.48
2005	Kubota	5KBXL.719KCC	0.48
2005	Kubota	5KBXL.778KCB	0.78
2005	Kubota	5KBXL.898KCB	0.60
2005	Kubota	5KBXL01.0BCB	0.90
2005	Kubota	5KBXL01.1BCB	1.1
2005	Kubota	5KBXL01.3BCC	0.90
2005	Kubota	5KBXL01.3BCD	0.90
2005	Kubota	5KBXL01.4FCC	1.4
2005	Kubota	5KBXL01.5BAD	1.1
2005	Kubota	5KBXL01.5BCC	1.1
2005	Kubota	5KBXL01.5BCD	1.1
2005	Kubota	5KBXL01.5EAD	1.5
2005	Kubota	5KBXL01.5ECD	1.5
2005	Kubota	5KBXL01.5FAD	1.5
2005	Kubota	5KBXL02.0EAD	2.0
2005	Kubota	5KBXL02.0FAC	2.0
2005	Kubota	5KBXL02.0FAD	2.0
2005	Kubota	5KBXL02.0FCC	1.9
2005	Kubota	5KBXL02.0FCD	1.4
2005	Kubota	5KBXL02.2ECC	2.2
2005	Kubota	5KBXL02.2ECD	2.2
2005	Kubota	5KBXL02.2FCC	1.6
2005	Kubota	5KBXL02.2FCD	1.6
2005	Kubota	5KBXL02.2GCD	1.6
2005	Kubota	5KBXL02.4EAD	2.4
2005	Kubota	5KBXL02.4ECD	1.8
2005	Kubota	5KBXL02.4FCC	1.8
2005	Kubota	5KBXL02.4FCD	1.8
2005	Kubota	5KBXL02.4GCD	2.4
2005	Kubota	5KBXL02.4HCD	2.4

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Model Year	Manufacturer	Engine Family	Displacement (L)
2005	Kubota	5KBXL02.8BCC	2.7
2005	Kubota	5KBXL03.3AAD	3.3
2005	Kubota	5KBXL03.3ACD	3.3
2005	Kubota	5KBXL03.3BAC	3.3
2005	Kubota	5KBXL03.3BAD	3.3
2005	Kubota	5KBXL03.3BCC	3.3
2005	Kubota	5KBXL03.3BCD	3.3
2005	Kubota	5KBXL03.8AAD	3.8
2005	Kubota	5KBXL03.8ACD	3.8
2005	Kukje Machinery	5KMCL1.46A32	1.5
2005	Kukje Machinery	5KMCL1.71A31	1.7
2005	Kukje Machinery	5KMCL2.08A43	2.1
2005	Kukje Machinery	5KMCL2.28A41	2.3
2005	Kukje Machinery	5KMCL2.28A42	2.3
2005	Liebherr Machines Bulle SA	5LHAL10.5LPA	10.5
2005	Liebherr Machines Bulle SA	5LHAL17.2ARA	12.9
2005	Liebherr Machines Bulle SA	5LHAL17.2ATA	12.9
2005	Liebherr Machines Bulle SA	5LHAL17.2AUA	12.9
2005	Liebherr Machines Bulle SA	5LHAL9.54SPA	9.5
2005	Liebherr Machines Bulle SA	5LHAL9.96ARA	6.6
2005	Liebherr Machines Bulle SA	5LHAL9.96ASA	6.6
2005	Liebherr Machines Bulle SA	5LHAL9.96ATA	6.6
2005	Liebherr Machines Bulle SA	5LHAL9.96AUA	6.6
2005	Lombardini Motori	5LBDL.34915D	0.35
2005	Lombardini Motori	5LBDL.401154	0.40
2005	Lombardini Motori	5LBDL.686SF2	0.69
2005	Lombardini Motori	5LBDL.916F69	0.61
2005	Lombardini Motori	5LBDL.95412L	0.95
2005	Lombardini Motori	5LBDL1.22FO4	1.2
2005	Lombardini Motori	5LBDL1.22FOT	1.2
2005	Lombardini Motori	5LBDL1.259LD	1.2
2005	Lombardini Motori	5LBDL1.37SFO	1.0
2005	Lombardini Motori	5LBDL1.8711L	1.9
2005	Lombardini Motori	5LBDL2.07CHD	1.6
2005	Lombardini Motori	5LBDL2.19CHP	1.6
2005	Lombardini Motori	5LBDL2.19CHT	2.2
2005	Mahindra & Mahindra	5MMLL01.8475	1.9
2005	Mahindra & Mahindra	5MMLL01.8C27	1.9
2005	Mahindra & Mahindra	5MMLL02.4NEF	2.4
2005	Mahindra & Mahindra	5MMLL03.1NEF	3.1
2005	Mahindra & Mahindra	5MMLL03.2NEF	3.2
2005	Mahindra & Mahindra	5MMLL03.2NET	3.2
		5MFTL02.8M4A	

Model Year	Manufacturer	Engine Family	Displacement (L)
2005	Mitsubishi Fuso	5MFTL07.5D6A	7.5
2005	Mitsubishi Fuso	5MFTL07.5D6D	7.5
2005	Mitsubishi Fuso	5MFTL07.5D6E	7.5
2005	Mitsubishi Fuso	5MFTL11.9D2A	11.9
2005	Mitsubishi Heavy Industries	5MVXL00.6BBB	0.60
2005	Mitsubishi Heavy Industries	5MVXL01.0BBB	0.60
2005	Mitsubishi Heavy Industries	5MVXL01.0CCC	0.60
2005	Mitsubishi Heavy Industries	5MVXL01.3AAA	1.1
2005	Mitsubishi Heavy Industries	5MVXL01.5CCC	1.5
2005	Mitsubishi Heavy Industries	5MVXL01.8AAA	1.1
2005	Mitsubishi Heavy Industries	5MVXL01.8BBB	1.5
2005	Mitsubishi Heavy Industries	5MVXL01.9AAA	1.9
2005	Mitsubishi Heavy Industries	5MVXL01.9BBB	1.9
2005	Mitsubishi Heavy Industries	5MVXL02.3CCC	2.3
2005	Mitsubishi Heavy Industries	5MVXL02.5AAA	2.3
2005	Mitsubishi Heavy Industries	5MVXL02.5BBB	2.3
2005	Mitsubishi Heavy Industries	5MVXL02.5CCC	2.3
2005	Mitsubishi Heavy Industries	5MVXL02.5DDD	2.3
2005	Mitsubishi Heavy Industries	5MVXL03.3AAF	3.3
2005	Mitsubishi Heavy Industries	5MVXL04.2AAA	4.2
2005	Mitsubishi Heavy Industries	5MVXL05.0AAA	3.3
2005	Mitsubishi Heavy Industries	5MVXL05.0AAC	3.3
2005	Mitsubishi Heavy Industries	5MVXL05.0AAD	3.3
2005	Mitsubishi Heavy Industries	5MVXL05.0AAE	3.3
2005	Mitsubishi Heavy Industries	5MVXL05.0DDD	3.3
2005	Mitsubishi Heavy Industries	5MVXL06.4AAB	6.4
2005	Mitsubishi Heavy Industries	5MVXL06.4DDD	6.4
2005	Mitsubishi Heavy Industries	5MVXL18.6BAA	18.6
2005	Mitsubishi Heavy Industries	5MVXL24.5ABB	24.5
2005	Mitsubishi Heavy Industries	5MVXL24.5BAA	24.5
2005	Motorenfabrik Hatz	5HZXL.232C20	0.23
2005	Motorenfabrik Hatz	5HZXL.232V20	0.23
2005	Motorenfabrik Hatz	5HZXL.267C27	0.27
2005	Motorenfabrik Hatz	5HZXL.267V27	0.27
2005	Motorenfabrik Hatz	5HZXL.347C30	0.35
2005	Motorenfabrik Hatz	5HZXL.347V30	0.35
2005	Motorenfabrik Hatz	5HZXL.413C41	0.41
2005	Motorenfabrik Hatz	5HZXL.413V41	0.41
2005	Motorenfabrik Hatz	5HZXL.462C40	0.46
2005	Motorenfabrik Hatz	5HZXL.462V40	0.46
2005	Motorenfabrik Hatz	5HZXL.517C50	0.52
2005	Motorenfabrik Hatz	5HZXL.517C51	0.52
2005	Motorenfabrik Hatz	5HZXL.517V50	0.52
2005	Motorenfabrik Hatz	5HZXL.517V51	0.52
2005	Motorenfabrik Hatz	5HZXL.667C82	0.67
2005	Motorenfabrik Hatz	5HZXL.667C83	0.67
2005	Motorenfabrik Hatz	5HZXL.667V83	0.67
2005	Motorenfabrik Hatz	5HZXL.69SC1	0.69
2005	Motorenfabrik Hatz	5HZXL.722C90	0.72
2005	Motorenfabrik Hatz	5HZXL.722V90	0.72
2005	Motorenfabrik Hatz	5HZXL.997C40	1.0

Model Year	Manufacturer	Engine Family	Displacement (L)
2005	Motorenfabrik Hatz	5HZXL.997V40	1.0
2005	Motorenfabrik Hatz	5HZXL0.69SV1	0.69
2005	Motorenfabrik Hatz	5HZXL1.38SC2	0.69
2005	Motorenfabrik Hatz	5HZXL1.38SC3	1.4
2005	Motorenfabrik Hatz	5HZXL1.38SV2	0.69
2005	Motorenfabrik Hatz	5HZXL1.38SV3	1.4
2005	Motorenfabrik Hatz	5HZXL3.43C42	2.6
2005	Motorenfabrik Hatz	5HZXL3.43V41	1.7
2005	Motorenfabrik Hatz	5HZXL3.43V42	2.6
2005	Motorenfabrik Hatz	5HZXL3.4C41	1.7
2005	MTU-Friedrichshafen	5MTUL21.9R2A	21.9
2005	Nissan	5NDXL02.7TNA	2.7
2005	Nissan	5NDXL03.0FTA	3.0
2005	Perkins	5PKXL02.6UB1	2.6
2005	Perkins	5PKXL03.3DC1	3.3
2005	Perkins	5PKXL04.4RE1	4.4
2005	Perkins	5PKXL04.4RF1	4.4
2005	Perkins	5PKXL04.4RG1	4.4
2005	Perkins	5PKXL04.4RH1	4.4
2005	Perkins	5PKXL04.4RH2	4.4
2005	Perkins	5PKXL04.4RJ1	4.4
2005	Perkins	5PKXL04.4RK1	4.4
2005	Perkins	5PKXL06.0VK1	6
2005	Perkins	5PKXL06.6PJ1	6.6
2005	Perkins	5PKXL06.6PJ2	6.6
2005	Sisu Diesel	5SIDL06.6I2A	6.6
2005	Sisu Diesel	5SIDL07.4G4A	7.4
2005	Sisu Diesel	5SIDL07.4G4B	7.4
2005	Sisu Diesel	5SIDL07.4G5A	7.4
2005	Sisu Diesel	5SIDL07.4G5B	7.4
2005	Sisu Diesel	5SIDL08.4H4A	8.4
2005	Sisu Diesel	5SIDL08.4H5A	8.4
2005	Sisu Diesel	5SIDL08.4H5B	8.4
2005	VM Motori	5V5XL02.1P7J	2.1
2005	VM Motori	5V5XL02.1R7R	2.1
2005	VM Motori	5V5XL02.8R6V	2.8
2005	VM Motori	5V5XL03.0R6T	3.0
2005	VM Motori	5V5XL03.0R6W	3.0
2005	VM Motori	5V5XL04.2S5V	4.2
2005	Volvo Construction Equipment	5VSXL09.4CE2	9.4
2005	Volvo Construction Equipment	5VSXL12.1CE2	12.1
2005	Yanmar	5YDXL0.22D1N	0.22
2005	Yanmar	5YDXL0.57U2N	0.57
2005	Yanmar	5YDXL0.57V2N	0.57
2005	Yanmar	5YDXL0.57W2N	0.57
2005	Yanmar	5YDXL0.75R2N	0.75
2005	Yanmar	5YDXL0.85U3N	0.85
2005	Yanmar	5YDXL0.85V3N	0.85
2005	Yanmar	5YDXL0.85W3N	0.85
2005	Yanmar	5YDXL1.11U3N	1.1
2005	Yanmar	5YDXL1.11V3N	1.1

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Attachment 1

HUSS FS-MK

Model Year	Manufacturer	Engine Family	Displacement (L)
2005	Yanmar	5YDXL1.11W3N	1.1
2005	Yanmar	5YDXL1.11X3N	1.1
2005	Yanmar	5YDXL1.11Y3N	1.1
2005	Yanmar	5YDXL1.33J3N	1.3
2005	Yanmar	5YDXL1.33K3N	1.3
2005	Yanmar	5YDXL1.33M3N	1.3
2005	Yanmar	5YDXL1.50J3N	1.5
2005	Yanmar	5YDXL1.50J3T	1.5
2005	Yanmar	5YDXL1.50K3H	1.5
2005	Yanmar	5YDXL1.50K3T	1.5
2005	Yanmar	5YDXL1.50M3N	1.5
2005	Yanmar	5YDXL1.64J3N	1.6
2005	Yanmar	5YDXL1.64M3N	1.6
2005	Yanmar	5YDXL2.00J4N	2.0
2005	Yanmar	5YDXL2.00J4T	2.0
2005	Yanmar	5YDXL2.00K4N	2.0
2005	Yanmar	5YDXL2.00K4T	2.0
2005	Yanmar	5YDXL2.00M4T	2.0
2005	Yanmar	5YDXL2.09K4N	2.1
2005	Yanmar	5YDXL2.19J4N	2.2
2005	Yanmar	5YDXL2.19K4N	2.2
2005	Yanmar	5YDXL3.05J4N	3.1
2005	Yanmar	5YDXL3.05M4N	3.1
2005	Yanmar	5YDXL3.32J4N	3.3
2005	Yanmar	5YDXL3.32J4T	3.3
2005	Yanmar	5YDXL3.32K4N	3.3
2005	Yanmar	5YDXL3.32K4T	3.3
2005	Yanmar	5YDXL4.41K4N	4.4
2005	Yanmar	5YDXL4.41K4T	4.4
2005	Yanmar	5YDXM0.32P1N	0.32
2005	Yanmar	5YDXM0.57P2N	0.57
2005	Yanmar	5YDXM0.85P3N	0.85
2005	Yanmar	5YDXM1.11P3N	1.1
2005	Yanmar	5YDXM1.64D3N	1.6
2006	AB Volvo Penta	6VPXL12.1BAA	12.1
2006	AB Volvo Penta	6VPXL16.1ACB	16.1
2006	AB Volvo Penta	6VPXL9.4BAA	9.4
2006	Caterpillar	6CPXL07.2ESL	7.2
2006	Caterpillar	6CPXL07.2HSK	7.2
2006	Caterpillar	6CPXL08.8ESK	8.8
	Caterpillar		

Model Year	Manufacturer	Engine Family	Displacement (L)
2006	CNH Engine Corporation	6X9XL0239AAB	3.9
2006	CNH Engine Corporation	6X9XL0239AAC	3.9
2006	CNH Engine Corporation	6X9XL0359AAJ	5.9
2006	CNH Engine Corporation	6X9XL0359AAM	5.9
2006	CNH Engine Corporation	6X9XL0359ABE	5.9
2006	CNH Engine Corporation	6X9XL0505AAE	8.3
2006	CNH Engine Corporation	6X9XL0505ABD	8.3
2006	CNH Engine Corporation	6X9XL0540AAB	8.8
2006	CNH Engine Corporation	6X9XL0540AAC	8.8
2006	CNH UK Limited	6NHXL04.5DNA	3.4
2006	CNH UK Limited	6NHXL05.9DTA	5.9
2006	CNH UK Limited	6NHXL06.7DCA	6.7
2006	CNH UK Limited	6NHXL06.7DCB	6.7
2006	CNH UK Limited	6NHXL06.7DCC	6.7
2006	CNH UK Limited	6NHXL06.7DCR	3.9
2006	CNH UK Limited	6NHXL06.7DTA	3.9
2006	CNH UK Limited	6NHXL06.7DTC	3.4
2006	CNH UK Limited	6NHXL07.5B2H	7.5
2006	Cummins	6CEXL015.AAA	15
2006	Cummins	6CEXL015.AAB	15
2006	Cummins	6CEXL015.AAC	15
2006	Cummins	6CEXL015.AAD	15
2006	Cummins	6CEXL015.AAE	15
2006	Cummins	6CEXL019.AAB	19
2006	Cummins	6CEXL019.AAC	19
2006	Cummins	6CEXL019.AAD	19
2006	Cummins	6CEXL023.AAA	23.2
2006	Cummins	6CEXL0239AAD	3.9
2006	Cummins	6CEXL0239AAF	3.9
2006	Cummins	6CEXL0239AAG	3.9
2006	Cummins	6CEXL0275AAB	4.5
2006	Cummins	6CEXL0275AAC	4.5
2006	Cummins	6CEXL0275AAC	4.5
2006	Cummins	6CEXL0275AAD	4.5
2006	Cummins	6CEXL0275AAF	4.5
2006	Cummins	6CEXL0275AAG	4.5
2006	Cummins	6CEXL0275AAH	4.5
2006	Cummins	6CEXL0275AAI	4.5
2006	Cummins	6CEXL03.3ABA	3.3
2006	Cummins	6CEXL03.3ABB	3.3
2006	Cummins	6CEXL03.3ABC	3.3
2006	Cummins	6CEXL0359AAB	5.9
2006	Cummins	6CEXL0359AAC	5.9
2006	Cummins	6CEXL0359AAD	5.9
2006	Cummins	6CEXL0359AAF	5.9
2006	Cummins	6CEXL0359AAN	5.9
2006	Cummins	6CEXL0359ABC	5.9
2006	Cummins	6CEXL0359ABE	5.9
2006	Cummins	6CEXL0409AAB	6.7
2006	Cummins	6CEXL0409AAC	6.7
2006	Cummins	6CEXL0505AAE	8.3

Model Year	Manufacturer	Engine Family	Displacement (L)
2006	Cummins	6CEXL0505ABD	8.3
2006	Cummins	6CEXL0540AAB	8.8
2006	Cummins	6CEXL0661AAF	10.8
2006	Cummins	6CEXL0661AAG	10.8
2006	Cummins	6CEXL1.46A32	1.5
2006	Cummins	6CEXL1.71A31	1.7
2006	Cummins	6CEXL2.08A43	2.1
2006	Cummins	6CEXL2.28A41	2.3
2006	Cummins	6CEXL2.28A42	2.3
2006	Daedong Industrial	6DCLL.927D5G	0.93
2006	Daedong Industrial	6DCLL.927D75	0.93
2006	Daedong Industrial	6DCLL01.3D13	1.3
2006	Daedong Industrial	6DCLL01.4D14	1.4
2006	Daedong Industrial	6DCLL01.4D80	1.4
2006	Daedong Industrial	6DCLL01.8B87	2.4
2006	Daedong Industrial	6DCLL02.0D5T	2.0
2006	Daedong Industrial	6DCLL02.0D83	2.0
2006	Daedong Industrial	6DCLL02.2D7T	2.2
2006	Daedong Industrial	6DCLL02.2D87	2.2
2006	Daedong Industrial	6DCLL02.4B87	2.4
2006	Daihatsu	6DHXL.6972D1	0.70
2006	Daihatsu	6DHXL.9532D1	0.95
2006	Daihatsu	6DHXL.9532DT	0.95
2006	DaimlerChrysler	6MBXL12.8RJB	12.8
2006	DaimlerChrysler	6MBXL4.25RJB	4.3
2006	DaimlerChrysler	6MBXL7.20RJA	4.3
2006	Deere	6JDXL02.4074	2.4
2006	Deere	6JDXL02.9017	2.9
2006	Deere	6JDXL02.9050	2.9
2006	Deere	6JDXL02.9088	2.9
2006	Deere	6JDXL03.0063	2.4
2006	Deere	6JDXL03.0064	3.0
2006	Deere	6JDXL04.5042	4.5
2006	Deere	6JDXL04.5043	4.5
2006	Deere	6JDXL04.5051	4.5
2006	Deere	6JDXL04.5057	4.5
2006	Deere	6JDXL04.5062	4.5
2006	Deere	6JDXL04.5075	4.5
2006	Deere	6JDXL04.5076	4.5
2006	Deere	6JDXL04.5081	4.5
2006	Deere	6JDXL04.5083	4.5
2006	Deere	6JDXL06.8014	4.5
2006	Deere	6JDXL06.8038	6.8
2006	Deere	6JDXL06.8039	4.5
2006	Deere	6JDXL06.8041	4.5
2006	Deere	6JDXL06.8044	6.8
2006	Deere	6JDXL06.8048	6.8
2006	Deere	6JDXL06.8049	4.5
2006	Deere	6JDXL06.8052	6.8
2006	Deere	6JDXL06.8055	4.5
2006	Deere	6JDXL06.8078	4.5

Model Year	Manufacturer	Engine Family	Displacement (L)
2006	Deere	6JDXL06.8079	4.5
2006	Deere	6JDXL06.8080	6.8
2006	Deere	6JDXL06.8082	4.5
2006	Deere	6JDXL06.8084	4.5
2006	Deere	6JDXL06.8104	6.8
2006	Deere	6JDXL06.8105	4.5
2006	Deere	6JDXL06.8106	4.5
2006	Deere	6JDXL08.1037	8.1
2006	Deere	6JDXL12.5035	12.5
2006	Deere	6JDXL12.5073	12.5
2006	Detroit Diesel Corporation	6DDXL31.8XRR	23.9
2006	Deutz	6DZXL01.4029	1.0
2006	Deutz	6DZXL01.6049	1.2
2006	Deutz	6DZXL01.6050	1.2
2006	Deutz	6DZXL02.3045	1.7
2006	Deutz	6DZXL02.3047	2.3
2006	Deutz	6DZXL02.3048	2.3
2006	Deutz	6DZXL03.1039	3.1
2006	Deutz	6DZXL03.1040	3.1
2006	Deutz	6DZXL03.1041	1.6
2006	Deutz	6DZXL03.1066	3.1
2006	Deutz	6DZXL05.7019	3.8
2006	Deutz	6DZXL05.7033	5.7
2006	Deutz	6DZXL06.1028	6.1
2006	Deutz	6DZXL06.1038	6.1
2006	Deutz	6DZXL06.1061	6.1
2006	Deutz	6DZXL06.5035	6.5
2006	Deutz	6DZXL06.5036	6.5
2006	Deutz	6DZXL06.5037	6.5
2006	Deutz	6DZXL06.5042	6.5
2006	Deutz	6DZXL06.5043	6.5
2006	Deutz	6DZXL07.1005	4.8
2006	Deutz	6DZXL07.1034	7.2
2006	Deutz	6DZXL07.1053	7.1
2006	Doosan Infracore	6DWXL05.8COA	5.8
2006	Doosan Infracore	6DWXL05.8CRN	5.8
2006	Doosan Infracore	6DWXL05.8UTA	5.8
2006	Doosan Infracore	6DWXL07.6UPA	7.6
2006	Doosan Infracore	6DWXL08.1BDA	8.1
2006	Doosan Infracore	6DWXL11.0UJA	11
2006	Doosan Infracore	6DWXL21.9UYA	21.9
2006	Hino	6HMXL04.0WDH	4.0
2006	Iseki Matsuyama	6CLL2.20C4E	2.2
2006	Iseki Matsuyama	6ICLL0.93B3C	0.93
2006	Iseki Matsuyama	6ICLL1.01B3F	1.0
2006	Iseki Matsuyama	6ICLL1.12B3G	1.1
2006	Iseki Matsuyama	6ICLL1.43C3B	1.4
2006	Iseki Matsuyama	6ICLL1.46C3C	1.5
2006	Iseki Matsuyama	6ICLL1.50C3D	1.5
2006	Iseki Matsuyama	6ICLL1.50C3T	1.5
2006	Iseki Matsuyama	6ICLL2.84D4D	2.8

Model Year	Manufacturer	Engine Family	Displacement (L)
2006	Iseki Matsuyama	6ICLL2.96D4E	3.0
2006	Ishikawajima-Shibaura	6H3XL.451E2V	0.45
2006	Ishikawajima-Shibaura	6H3XL.507E2C	0.51
2006	Ishikawajima-Shibaura	6H3XL.507E2V	0.51
2006	Ishikawajima-Shibaura	6H3XL.761E3V	0.51
2006	Ishikawajima-Shibaura	6H3XL.761ELV	0.76
2006	Ishikawajima-Shibaura	6H3XL.954SCC	0.95
2006	Ishikawajima-Shibaura	6H3XL.954SCV	0.95
2006	Ishikawajima-Shibaura	6H3XL1.00SCV	1.0
2006	Ishikawajima-Shibaura	6H3XL1.13LCS	1.1
2006	Ishikawajima-Shibaura	6H3XL1.13MSL	1.1
2006	Ishikawajima-Shibaura	6H3XL1.13SLC	1.1
2006	Ishikawajima-Shibaura	6H3XL1.13SLV	1.1
2006	Ishikawajima-Shibaura	6H3XL1.33J84	1.3
2006	Ishikawajima-Shibaura	6H3XL1.49N3C	1.5
2006	Ishikawajima-Shibaura	6H3XL1.49N3T	1.5
2006	Ishikawajima-Shibaura	6H3XL1.49N3V	1.5
2006	Ishikawajima-Shibaura	6H3XL2.00N4T	2.0
2006	Ishikawajima-Shibaura	6H3XL2.00N84	1.5
2006	Ishikawajima-Shibaura	6H3XL2.00NCS	1.5
2006	Ishikawajima-Shibaura	6H3XL2.224LC	2.2
2006	Ishikawajima-Shibaura	6H3XL2.22L84	1.7
2006	Ishikawajima-Shibaura	6H3XL2.22N4L	2.2
2006	Ishikawajima-Shibaura	6H3XL2.22N4T	2.2
2006	Ishikawajima-Shibaura	6H3XL2.22NLC	2.2
2006	Ishikawajima-Shibaura	6H3XL2.22NLT	2.2
2006	Ishikawajima-Shibaura	6H3XM.761D20	0.51
2006	Ishikawajima-Shibaura	6H3XM1.50D40	1.1
2006	Isuzu	6SZXL02.2DNA	2.2
2006	Isuzu	6SZXL02.2DNB	2.2
2006	Isuzu	6SZXL02.2DNC	2.2
2006	Isuzu	6SZXL02.2GNA	2.2
2006	Isuzu	6SZXL02.4DNA	2.4
2006	Isuzu	6SZXL03.1GNA	3.1
2006	Isuzu	6SZXL03.1GNB	3.1
2006	Isuzu	6SZXL03.1GNC	3.1
2006	Isuzu	6SZXL03.1GTA	3.1
2006	Isuzu	6SZXL03.1GTB	3.1
2006	Isuzu	6SZXL04.3FTA	4.3
2006	Isuzu	6SZXL04.3FXA	4.3
2006	Isuzu	6SZXL04.3GTA	4.3
2006	Isuzu	6SZXL04.3GTG	4.3
2006	Isuzu	6SZXL04.3GXA	4.3
2006	Isuzu	6SZXL06.5FTA	6.5
2006	Isuzu	6SZXL06.5FXA	6.5
2006	Isuzu	6SZXL06.5FXG	6.5
2006	Iveco	6VEXK02.3F1A	2.3
2006	Iveco	6VEXL03.9B1X	2.9
2006	Iveco	6VEXL03.9B1Z	2.9
2006	Iveco	6VEXL04.5DGN	4.5
2006	Iveco	6VEXL04.5DGT	4.5

Model Year	Manufacturer	Engine Family	Displacement (L)
2006	Iveco	6VEXL04.5DNA	3.4
2006	Iveco	6VEXL05.9DTA	5.9
2006	Iveco	6VEXL06.7DCA	6.7
2006	Iveco	6VEXL06.7DCB	6.7
2006	Iveco	6VEXL06.7DCC	6.7
2006	Iveco	6VEXL06.7DCR	3.9
2006	Iveco	6VEXL06.7DGA	6.7
2006	Iveco	6VEXL06.7DGB	6.7
2006	Iveco	6VEXL06.7DGS	6.7
2006	Iveco	6VEXL06.7DTA	3.9
2006	Iveco	6VEXL06.7DTC	3.4
2006	Iveco	6VEXL08.7TR3	8.7
2006	Iveco	6VEXL10.3MLR	10.3
2006	Iveco	6VEXL10.3TR3	10.3
2006	Iveco	6VEXL12.9IGR	12.9
2006	Iveco	6VEXL12.9MLR	12.9
2006	Iveco	6VEXL12.9TR3	12.9
2006	JCB Power Systems	6JBC04.40NA	4.4
2006	JCB Power Systems	6JCBL04.40TC	4.4
2006	JCB Power Systems	6JCBL04.4TA1	4.4
2006	Komatsu	6KLXL0239AAD	3.9
2006	Komatsu	6KLXL0239AAF	3.9
2006	Komatsu	6KLXL0239ADA	3.9
2006	Komatsu	6KLXL0275AAC	4.5
2006	Komatsu	6KLXL0275AAD	4.5
2006	Komatsu	6KLXL0275AAG	4.5
2006	Komatsu	6KLXL0275AAH	4.5
2006	Komatsu	6KLXL0275AAI	4.5
2006	Komatsu	6KLXL03.3JA3	3.3
2006	Komatsu	6KLXL03.3JB3	3.3
2006	Komatsu	6KLXL03.3JD3	3.3
2006	Komatsu	6KLXL0359AAB	5.9
2006	Komatsu	6KLXL0359AAE	5.9
2006	Komatsu	6KLXL0359AAL	5.9
2006	Komatsu	6KLXL0359ABC	5.9
2006	Komatsu	6KLXL0409AAB	6.7
2006	Komatsu	6KLXL0409AAC	6.7
2006	Komatsu	6KLXL0505AAE	8.3
2006	Komatsu	6KLXL0505ABD	8.3
2006	Kubota	6KBXL.276KCB	0.28
2006	Kubota	6KBXL.309KCB	0.31
2006	Kubota	6KBXL.400KCB	0.40
2006	Kubota	6KBXL.416KCB	0.42
2006	Kubota	6KBXL.719KCB	0.48
2006	Kubota	6KBXL.719KCC	0.47
2006	Kubota	6KBXL.778KCB	0.78
2006	Kubota	6KBXL.898KCB	0.60
2006	Kubota	6KBXL01.0BCB	0.90
2006	Kubota	6KBXL01.1BCB	1.1
2006	Kubota	6KBXL01.3BCC	0.90
2006	Kubota	6KBXL01.3BCD	0.90

Model Year	Manufacturer	Engine Family	Displacement (L)
2006	Kubota	6KBXL01.4FCC	1.4
2006	Kubota	6KBXL01.5BAD	1.1
2006	Kubota	6KBXL01.5BCC	1.1
2006	Kubota	6KBXL01.5BCD	1.1
2006	Kubota	6KBXL01.5EAD	1.5
2006	Kubota	6KBXL01.5ECD	1.5
2006	Kubota	6KBXL01.5FAD	1.5
2006	Kubota	6KBXL02.0EAD	2.0
2006	Kubota	6KBXL02.0FAC	2.0
2006	Kubota	6KBXL02.0FAD	2.0
2006	Kubota	6KBXL02.0FCC	1.9
2006	Kubota	6KBXL02.0FCD	1.4
2006	Kubota	6KBXL02.2ECC	2.2
2006	Kubota	6KBXL02.2ECD	2.2
2006	Kubota	6KBXL02.2FCC	1.6
2006	Kubota	6KBXL02.2FCD	1.6
2006	Kubota	6KBXL02.2GCD	1.6
2006	Kubota	6KBXL02.4EAD	2.4
2006	Kubota	6KBXL02.4ECD	1.8
2006	Kubota	6KBXL02.4FCC	1.8
2006	Kubota	6KBXL02.4FCD	1.8
2006	Kubota	6KBXL02.4GCD	2.4
2006	Kubota	6KBXL02.4HCD	2.4
2006	Kubota	6KBXL02.8BCC	2.7
2006	Kubota	6KBXL03.3AAD	3.3
2006	Kubota	6KBXL03.3ACD	3.3
2006	Kubota	6KBXL03.3BAC	3.3
2006	Kubota	6KBXL03.3BAD	3.3
2006	Kubota	6KBXL03.3BCC	3.3
2006	Kubota	6KBXL03.3BCD	3.3
2006	Kubota	6KBXL03.3CCD	3.1
2006	Kubota	6KBXL03.8AAD	3.8
2006	Kubota	6KBXL03.8ACD	3.8
2006	Kukje Machinery	6KMCL1.46A32	1.5
2006	Kukje Machinery	6KMCL1.71A31	1.7
2006	Kukje Machinery	6KMCL2.08A43	2.1
2006	Kukje Machinery	6KMCL2.28A41	2.3
2006	Kukje Machinery	6KMCL2.28A42	2.3
2006	Liebherr Machines Bulle SA	6LHAK9.96ASA	6.6
2006	Liebherr Machines Bulle SA	6LHAL10.5LPA	10.5
2006	Liebherr Machines Bulle SA	6LHAL12.0KPA	12
2006	Liebherr Machines Bulle SA	6LHAL9.54SPA	9.5
2006	Liebherr Machines Bulle SA	6LHAL9.96ARA	6.6
2006	Liebherr Machines Bulle SA	6LHAL9.96ATA	6.6
2006	Liquid Combustion Technology	6LCTL.305L70	0.31
2006	Liquid Combustion Technology	6LCTL.418L10	0.42
2006	Lombardini Motori	6LBDL.349153	0.35
2006	Lombardini Motori	6LBDL.34915D	0.35
2006	Lombardini Motori	6LBDL.34935D	0.35
2006	Lombardini Motori	6LBDL.401154	0.40
2006	Lombardini Motori	6LBDL.505502	0.51

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2006	Lombardini Motori	6LBDL.686SF2	0.69
2006	Lombardini Motori	6LBDL.851R19	0.85
2006	Lombardini Motori	6LBDL.95412L	0.95
2006	Lombardini Motori	6LBDL1.259LD	1.2
2006	Lombardini Motori	6LBDL1.37SFO	1.0
2006	Lombardini Motori	6LBDL1.8711L	1.9
2006	Lombardini Motori	6LBDL2.19CHP	1.6
2006	Lombardini Motori	6LBDL2.19CHT	2.2
2006	Mahindra & Mahindra	6MMLL01.8475	1.9
2006	Mahindra & Mahindra	6MMLL02.4NEF	2.4
2006	Mahindra & Mahindra	6MMLL03.1NEF	3.1
2006	Mahindra & Mahindra	6MMLL03.2NEF	3.2
2006	Mahindra & Mahindra	6MMLL03.2NET	3.2
2006	Mahindra & Mahindra	6MMLL03.2NTY	3.2
2006	Mahindra & Mahindra	6MMLL03.4NEF	3.4
2006	Mahindra & Mahindra	6MMLL03.5NEF	3.5
2006	Mitsubishi Fuso	6MFTL02.8M4A	2.8
2006	Mitsubishi Fuso	6MFTL03.9D3A	3.9
2006	Mitsubishi Fuso	6MFTL05.8D3A	5.9
2006	Mitsubishi Fuso	6MFTL07.5D6E	7.5
2006	Mitsubishi Heavy Industries	6MVXL00.6BBB	0.60
2006	Mitsubishi Heavy Industries	6MVXL01.0BBB	0.60
2006	Mitsubishi Heavy Industries	6MVXL01.0CCC	0.60
2006	Mitsubishi Heavy Industries	6MVXL01.0M2A	0.60
2006	Mitsubishi Heavy Industries	6MVXL01.0M2B	0.60
2006	Mitsubishi Heavy Industries	6MVXL01.3AAA	1.1
2006	Mitsubishi Heavy Industries	6MVXL01.5CCC	1.5
2006	Mitsubishi Heavy Industries	6MVXL01.8AAA	1.1
2006	Mitsubishi Heavy Industries	6MVXL01.8BBB	1.5
2006	Mitsubishi Heavy Industries	6MVXL01.8M2A	1.3
2006	Mitsubishi Heavy Industries	6MVXL01.9AAA	1.9
2006	Mitsubishi Heavy Industries	6MVXL01.9BBB	1.9
2006	Mitsubishi Heavy Industries	6MVXL02.3CCC	2.3
2006	Mitsubishi Heavy Industries	6MVXL02.5AAA	2.3
2006	Mitsubishi Heavy Industries	6MVXL02.5BBB	2.3
2006	Mitsubishi Heavy Industries	6MVXL02.5CCC	2.3
2006	Mitsubishi Heavy Industries	6MVXL02.5DDD	2.3
2006	Mitsubishi Heavy Industries	6MVXL03.3AAF	3.3
2006	Mitsubishi Heavy Industries	6MVXL03.3DDE	3.3
2006	Mitsubishi Heavy Industries	6MVXL04.2AAA	4.2
	Mitsubishi Heavy Industries		

Model Year	Manufacturer	Engine Family	Displacement (L)
2006	Motorenfabrik Hatz	6HZXL.267V27	0.27
2006	Motorenfabrik Hatz	6HZXL.347C30	0.35
2006	Motorenfabrik Hatz	6HZXL.347V30	0.35
2006	Motorenfabrik Hatz	6HZXL.413C41	0.41
2006	Motorenfabrik Hatz	6HZXL.413V41	0.41
2006	Motorenfabrik Hatz	6HZXL.462C40	0.46
2006	Motorenfabrik Hatz	6HZXL.462V40	0.46
2006	Motorenfabrik Hatz	6HZXL.517C50	0.52
2006	Motorenfabrik Hatz	6HZXL.517C51	0.52
2006	Motorenfabrik Hatz	6HZXL.517V50	0.52
2006	Motorenfabrik Hatz	6HZXL.517V51	0.52
2006	Motorenfabrik Hatz	6HZXL.667C82	0.67
2006	Motorenfabrik Hatz	6HZXL.667C83	0.67
2006	Motorenfabrik Hatz	6HZXL.667V83	0.67
2006	Motorenfabrik Hatz	6HZXL.722C90	0.72
2006	Motorenfabrik Hatz	6HZXL.722V90	0.72
2006	Motorenfabrik Hatz	6HZXL.997C40	1.0
2006	Motorenfabrik Hatz	6HZXL.997V40	1.0
2006	Motorenfabrik Hatz	6HZXL0.69SC1	0.69
2006	Motorenfabrik Hatz	6HZXL0.69SV1	0.69
2006	Motorenfabrik Hatz	6HZXL1.38SC2	0.69
2006	Motorenfabrik Hatz	6HZXL1.38SC3	1.4
2006	Motorenfabrik Hatz	6HZXL1.38SV2	0.69
2006	Motorenfabrik Hatz	6HZXL1.38SV3	1.4
2006	Motorenfabrik Hatz	6HZXL2.57C41	1.7
2006	Motorenfabrik Hatz	6HZXL2.57V41	1.7
2006	Motorenfabrik Hatz	6HZXL3.43C42	2.6
2006	Motorenfabrik Hatz	6HZXL3.43V42	2.6
2006	Nissan	6NDXL02.7TNA	2.7
2006	Nissan	6NDXL03.0FTA	3.0
2006	Perkins	6PKXL03.3DC1	3.3
2006	Perkins	6PKXL04.4NH1	4.4
2006	Perkins	6PKXL04.4NJ1	4.4
2006	Perkins	6PKXL04.4RE1	4.4
2006	Perkins	6PKXL04.4RF1	4.4
2006	Perkins	6PKXL04.4RG1	4.4
2006	Perkins	6PKXL04.4RH1	4.4
2006	Perkins	6PKXL04.4RH2	4.4
2006	Perkins	6PKXL04.4RJ1	4.4
2006	Perkins	6PKXL04.4RK1	4.4
2006	Perkins	6PKXL06.0VK1	6
2006	Perkins	6PKXL06.6PJ1	6.6
2006	Perkins	6PKXL06.6PJ2	6.6
2006	Sisu Diesel	6SIDL06.6I2A	6.6
2006	Sisu Diesel	6SIDL07.4G4B	7.4
2006	Sisu Diesel	6SIDL07.4G4D	7.4
2006	Sisu Diesel	6SIDL07.4G5B	7.4
2006	Sisu Diesel	6SIDL08.4H5B	8.4
2006	VM Motori	6V5XL02.1G7R	2.1
2006	VM Motori	6V5XL02.1P7J	2.1
2006	VM Motori	6V5XL02.1R7R	2.1

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Model Year	Manufacturer	Engine Family	Displacement (L)
2007	Caterpillar	7CPXL07.2ESL	7.2
2007	Caterpillar	7CPXL08.8ESK	8.8
2007	Caterpillar	7CPXL11.1ESK	11.1
2007	Caterpillar	7CPXL12.5ESK	12.5
2007	Caterpillar	7CPXL15.2ESK	15.2
2007	Caterpillar	7CPXL15.2ESL	15.2
2007	Caterpillar	7CPXL18.1ESK	18.1
2007	Caterpillar	7CPXL18.1ESL	18.1
2007	Caterpillar	7CPXL27.0ESK	27
2007	Caterpillar	7CPXL27.0ESL	27
2007	Caterpillar	7CPXL32.0ESK	32
2007	CNH Engine Corporation	7X9XL0239AAB	3.9
2007	CNH Engine Corporation	7X9XL0505AAE	8.3
2007	CNH Engine Corporation	7X9XL0540AAB	8.8
2007	CNH UK Limited	7NHXL04.5DAA	4.5
2007	CNH UK Limited	7NHXL04.5DCA	4.5
2007	CNH UK Limited	7NHXL04.5DNA	3.4
2007	CNH UK Limited	7NHXL06.7DAA	6.7
2007	CNH UK Limited	7NHXL06.7DCA	6.7
2007	CNH UK Limited	7NHXL06.7DCB	6.7
2007	CNH UK Limited	7NHXL06.7DCC	6.7
2007	CNH UK Limited	7NHXL06.7DTA	4.5
2007	CNH UK Limited	7NHXL06.7DTC	3.4
2007	Cummins	7CEXL015.AAA	15
2007	Cummins	7CEXL015.AAB	15
2007	Cummins	7CEXL015.AAE	15
2007	Cummins	7CEXL015.AAH	15
2007	Cummins	7CEXL019.AAD	19
2007	Cummins	7CEXL023.AAA	23.2
2007	Cummins	7CEXL023.AAC	23.2
2007	Cummins	7CEXL0239AAG	3.9
2007	Cummins	7CEXL0275AAB	4.5
2007	Cummins	7CEXL0275AAC	4.5
2007	Cummins	7CEXL0275AAD	4.5
2007	Cummins	7CEXL0275AAF	4.5
2007	Cummins	7CEXL0275AAG	4.5
2007	Cummins	7CEXL0275AAH	4.5
2007	Cummins	7CEXL0275AAK	4.5
2007	Cummins	7CEXL03.3ABA	3.3
2007	Cummins	7CEXL03.3ABB	3.3
2007	Cummins	7CEXL03.3ACA	3.3
2007	Cummins	7CEXL03.3ACB	3.3
2007	Cummins	7CEXL03.3ACC	3.3
2007	Cummins	7CEXL03.3ACD	3.3
2007	Cummins	7CEXL03.3ACE	3.3
2007	Cummins	7CEXL030.AAB	30
2007	Cummins	7CEXL0409AAB	6.7
2007	Cummins	7CEXL0409AAC	6.7
2007	Cummins	7CEXL0409AAD	6.7
2007	Cummins	7CEXL050.AAC	50.0
2007	Cummins	7CEXL050.AAD	50.0

Model Year	Manufacturer	Engine Family	Displacement (L)
2007	Cummins	7CEXL0505AAE	8.3
2007	Cummins	7CEXL0540AAB	8.8
2007	Cummins	7CEXL0661AAF	11
2007	Cummins	7CEXL0661AAG	11
2007	Cummins	7CEXL0661AAJ	10.8
2007	Cummins	7CEXL1.46A32	1.5
2007	Cummins	7CEXL1.71A31	1.7
2007	Cummins	7CEXL2.08A43	2.1
2007	Cummins	7CEXL2.28A41	2.3
2007	Cummins	7CEXL2.28A42	2.3
2007	Daedong Industrial	7DCLL.927D5G	0.93
2007	Daedong Industrial	7DCLL.927D75	0.93
2007	Daedong Industrial	7DCLL01.0D75	1.0
2007	Daedong Industrial	7DCLL01.3D13	1.3
2007	Daedong Industrial	7DCLL01.4D14	1.4
2007	Daedong Industrial	7DCLL01.4D80	1.4
2007	Daedong Industrial	7DCLL01.8B87	2.4
2007	Daedong Industrial	7DCLL02.0D5T	2.0
2007	Daedong Industrial	7DCLL02.0D83	2.0
2007	Daedong Industrial	7DCLL02.2D7T	2.2
2007	Daedong Industrial	7DCLL02.2D87	2.2
2007	Daedong Industrial	7DCLL02.4B87	2.4
2007	Daihatsu	7DHXL.6972D1	0.70
2007	Daihatsu	7DHXL.9532D1	0.95
2007	Daihatsu	7DHXL.9532DT	0.95
2007	DaimlerChrysler	7MBXL12.8RJB	12.8
2007	DaimlerChrysler	7MBXL15.9RJA	12
2007	Deere	7JDXL02.4074	2.4
2007	Deere	7JDXL02.9017	2.9
2007	Deere	7JDXL02.9050	2.9
2007	Deere	7JDXL02.9088	2.9
2007	Deere	7JDXL03.0063	2.4
2007	Deere	7JDXL03.0064	3.0
2007	Deere	7JDXL04.5040	4.5
2007	Deere	7JDXL04.5042	4.5
2007	Deere	7JDXL04.5043	4.5
2007	Deere	7JDXL04.5051	4.5
2007	Deere	7JDXL04.5057	4.5
2007	Deere	7JDXL04.5062	4.5
2007	Deere	7JDXL04.5075	4.5
2007	Deere	7JDXL04.5076	4.5
2007	Deere	7JDXL04.5081	4.5
2007	Deere	7JDXL04.5083	4.5
2007	Deere	7JDXL04.5107	4.5
2007	Deere	7JDXL04.5111	4.5
2007	Deere	7JDXL06.8014	4.5
2007	Deere	7JDXL06.8038	6.8
2007	Deere	7JDXL06.8039	4.5
2007	Deere	7JDXL06.8041	4.5
2007	Deere	7JDXL06.8044	6.8
2007	Deere	7JDXL06.8048	6.8

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Model Year	Manufacturer	Engine Family	Displacement (L)
2007	Deere	7JDXL06.8049	6.8
2007	Deere	7JDXL06.8078	4.5
2007	Deere	7JDXL06.8080	6.8
2007	Deere	7JDXL06.8082	4.5
2007	Deere	7JDXL06.8084	4.5
2007	Deere	7JDXL06.8104	6.8
2007	Deere	7JDXL06.8105	4.5
2007	Deere	7JDXL06.8106	4.5
2007	Deere	7JDXL08.1037	8.1
2007	Deere	7JDXL12.5035	12.5
2007	Deere	7JDXL12.5073	12.5
2007	Detroit Diesel Corporation	7DDXL7.20RJA	4.3
2007	Deutz	7DZXL01.6049	1.2
2007	Deutz	7DZXL01.6050	1.2
2007	Deutz	7DZXL02.3045	1.7
2007	Deutz	7DZXL02.3047	2.3
2007	Deutz	7DZXL02.3048	2.3
2007	Deutz	7DZXL03.1039	3.1
2007	Deutz	7DZXL03.1040	3.1
2007	Deutz	7DZXL03.1041	1.6
2007	Deutz	7DZXL03.1066	3.1
2007	Deutz	7DZXL06.1038	6.1
2007	Deutz	7DZXL06.1063	5.7
2007	Deutz	7DZXL06.5042	6.5
2007	Deutz	7DZXL06.5043	6.5
2007	Deutz	7DZXL07.1005	4.8
2007	Deutz	7DZXL07.1034	7.2
2007	Doosan Infracore	7DWXL05.8CRN	5.8
2007	Doosan Infracore	7DWXL05.8UTA	5.9
2007	Doosan Infracore	7DWXL07.6UPA	7.6
2007	Doosan Infracore	7DWXL11.0UJA	11
2007	Doosan Infracore	7DWXL21.9UYA	21.9
2007	Hino	7HMXL04.0WDH	4.0
2007	Iseki Matsuyama	76CLL2.20C4E	2.2
2007	Iseki Matsuyama	7ICLL0.93B3C	0.93
2007	Iseki Matsuyama	7ICLL1.01B3F	1.0
2007	Iseki Matsuyama	7ICLL1.12B3G	1.1
2007	Iseki Matsuyama	7ICLL1.43C3B	1.4
2007	Iseki Matsuyama	7ICLL1.46C3C	1.5
2007	Iseki Matsuyama	7ICLL1.50C3D	1.5
2007	Iseki Matsuyama	7ICLL1.50C3T	1.5
2007	Iseki Matsuyama	7ICLL1.65C3H	1.6
2007	Iseki Matsuyama	7ICLL2.20C4H	2.2
2007	Iseki Matsuyama	7ICLL2.84D4D	2.8
2007	Iseki Matsuyama	7ICLL2.96D4E	3.0
2007	Iseki Matsuyama	7ICLL2.96D4H	3.0
2007	Ishikawajima-Shibaura	7H3XL.451E2V	0.45
2007	Ishikawajima-Shibaura	7H3XL.507E2C	0.51
2007	Ishikawajima-Shibaura	7H3XL.507E2V	0.51
2007	Ishikawajima-Shibaura	7H3XL.761E3V	0.51
2007	Ishikawajima-Shibaura	7H3XL.954SCC	0.95

Model Year	Manufacturer	Engine Family	Displacement (L)
2007	Ishikawajima-Shibaura	7H3XL.954SCV	0.95
2007	Ishikawajima-Shibaura	7H3XL1.00SCV	1.0
2007	Ishikawajima-Shibaura	7H3XL1.13LCS	1.1
2007	Ishikawajima-Shibaura	7H3XL1.13MSL	1.1
2007	Ishikawajima-Shibaura	7H3XL1.13SLC	1.1
2007	Ishikawajima-Shibaura	7H3XL1.13SLV	1.1
2007	Ishikawajima-Shibaura	7H3XL1.33J84	1.3
2007	Ishikawajima-Shibaura	7H3XL1.49N3C	1.5
2007	Ishikawajima-Shibaura	7H3XL1.49N3T	1.5
2007	Ishikawajima-Shibaura	7H3XL1.49N3V	1.5
2007	Ishikawajima-Shibaura	7H3XL2.00N4T	2.0
2007	Ishikawajima-Shibaura	7H3XL2.00N84	1.5
2007	Ishikawajima-Shibaura	7H3XL2.00NCS	1.5
2007	Ishikawajima-Shibaura	7H3XL2.224LC	2.2
2007	Ishikawajima-Shibaura	7H3XL2.22L84	1.7
2007	Ishikawajima-Shibaura	7H3XL2.22N4L	2.2
2007	Ishikawajima-Shibaura	7H3XL2.22N4T	2.2
2007	Ishikawajima-Shibaura	7H3XL2.22NLC	2.2
2007	Ishikawajima-Shibaura	7H3XL2.22NLT	2.2
2007	Ishikawajima-Shibaura	7H3XL2.22TCC	2.2
2007	Ishikawajima-Shibaura	7H3XL2.22TIC	2.2
2007	Ishikawajima-Shibaura	7H3XM.761D20	0.51
2007	Ishikawajima-Shibaura	7H3XM1.50D40	1.1
2007	Isuzu	7SXL02.2KNA	2.2
2007	Isuzu	7SZXL02.2DNA	2.2
2007	Isuzu	7SZXL02.2DNB	2.2
2007	Isuzu	7SZXL02.2DNC	2.2
2007	Isuzu	7SZXL02.2GNA	2.2
2007	Isuzu	7SZXL02.4DNA	2.4
2007	Isuzu	7SZXL03.1GNA	3.1
2007	Isuzu	7SZXL03.1GNB	3.1
2007	Isuzu	7SZXL03.1GNC	3.1
2007	Isuzu	7SZXL03.1GTA	3.1
2007	Isuzu	7SZXL03.1GTB	3.1
2007	Isuzu	7SZXL04.3GTA	4.3
2007	Isuzu	7SZXL04.3GTG	4.3
2007	Isuzu	7SZXL04.3GXA	4.3
2007	Iveco	7VEXL03.2TAI	3.2
2007	Iveco	7VEXL03.9B1X	2.9
2007	Iveco	7VEXL03.9B1Z	2.9
2007	Iveco	7VEXL04.5DAA	4.5
2007	Iveco	7VEXL04.5DGN	4.5
2007	Iveco	7VEXL04.5DGT	4.5
2007	Iveco	7VEXL04.5DNA	3.4
2007	Iveco	7VEXL06.7DAA	6.7
2007	Iveco	7VEXL06.7DCA	6.7
2007	Iveco	7VEXL06.7DCB	6.7
2007	Iveco	7VEXL06.7DCC	6.7
2007	Iveco	7VEXL06.7DGB	4.5
2007	Iveco	7VEXL06.7DGS	6.7
2007	Iveco	7VEXL06.7DTA	4.5

Model Year	Manufacturer	Engine Family	Displacement (L)
2007	Iveco	7VEXL06.7DTC	3.4
2007	Iveco	7VEXL08.7TR3	8.7
2007	Iveco	7VEXL10.3MLR	10.3
2007	Iveco	7VEXL10.3TR3	10.3
2007	Iveco	7VEXL12.9IGR	12.9
2007	Iveco	7VEXL12.9MLR	12.9
2007	Iveco	7VEXL12.9TCD	12.9
2007	Iveco	7VEXL12.9TR3	12.9
2007	Iveco	7VEXL20.1DSL	20.1
2007	JCB Power Systems	7JCBL04.40NA	4.4
2007	JCB Power Systems	7JCBL04.40TC	4.4
2007	Komatsu	7KLXL0239ADA	3.9
2007	Komatsu	7KLXL0275AAC	4.5
2007	Komatsu	7KLXL0275AAD	4.5
2007	Komatsu	7KLXL0275AAG	4.5
2007	Komatsu	7KLXL0275AAH	4.5
2007	Komatsu	7KLXL03.3JA3	3.3
2007	Komatsu	7KLXL03.3JA6	3.3
2007	Komatsu	7KLXL03.3JB3	3.3
2007	Komatsu	7KLXL03.3JB6	3.3
2007	Komatsu	7KLXL03.3JD3	3.3
2007	Komatsu	7KLXL03.3JD6	3.3
2007	Komatsu	7KLXL03.3JD7	3.3
2007	Komatsu	7KLXL03.3JD8	3.3
2007	Komatsu	7KLXL0359AAE	5.9
2007	Komatsu	7KLXL0409AAB	6.7
2007	Komatsu	7KLXL0409AAC	6.7
2007	Komatsu	7KLXL0505AAE	8.3
2007	Komatsu	7KLXL23.2FD7	23.2
2007	Kubota	7KBXL.276KCB	0.28
2007	Kubota	7KBXL.309KCB	0.31
2007	Kubota	7KBXL.309NCB	0.31
2007	Kubota	7KBXL.400KCB	0.40
2007	Kubota	7KBXL.416KCB	0.42
2007	Kubota	7KBXL.719KCB	0.48
2007	Kubota	7KBXL.719KCC	0.48
2007	Kubota	7KBXL.778KCB	0.78
2007	Kubota	7KBXL.898KCB	0.60
2007	Kubota	7KBXL01.0BCB	0.90
2007	Kubota	7KBXL01.1BCB	1.1
2007	Kubota	7KBXL01.3BCC	0.90
2007	Kubota	7KBXL01.3BCD	0.90
2007	Kubota	7KBXL01.4FCC	1.4
2007	Kubota	7KBXL01.5BAD	1.1
2007	Kubota	7KBXL01.5BCC	1.1
2007	Kubota	7KBXL01.5BCD	1.1
2007	Kubota	7KBXL01.5EAD	1.5
2007	Kubota	7KBXL01.5ECD	1.5
2007	Kubota	7KBXL01.5FAD	1.5
2007	Kubota	7KBXL01.7BCD	1.3
2007	Kubota	7KBXL02.0EAD	2.0

Model Year	Manufacturer	Engine Family	Displacement (L)
2007	Kubota	7KBXL02.0FAC	2.0
2007	Kubota	7KBXL02.0FAD	2.0
2007	Kubota	7KBXL02.0FCC	1.9
2007	Kubota	7KBXL02.0FCD	1.4
2007	Kubota	7KBXL02.2ECC	2.2
2007	Kubota	7KBXL02.2ECD	2.2
2007	Kubota	7KBXL02.2FCC	1.6
2007	Kubota	7KBXL02.2FCD	1.6
2007	Kubota	7KBXL02.2GCC	2.2
2007	Kubota	7KBXL02.2GCD	1.6
2007	Kubota	7KBXL02.2RCD	2.2
2007	Kubota	7KBXL02.4EAD	2.4
2007	Kubota	7KBXL02.4ECD	1.8
2007	Kubota	7KBXL02.4FAD	2.4
2007	Kubota	7KBXL02.4FCC	1.8
2007	Kubota	7KBXL02.4FCD	1.8
2007	Kubota	7KBXL02.4GCD	2.4
2007	Kubota	7KBXL02.4HCD	2.4
2007	Kubota	7KBXL02.8BCC	2.7
2007	Kubota	7KBXL03.3AAD	3.3
2007	Kubota	7KBXL03.3ACD	3.3
2007	Kubota	7KBXL03.3BAC	3.3
2007	Kubota	7KBXL03.3BAD	3.3
2007	Kubota	7KBXL03.3BCC	3.3
2007	Kubota	7KBXL03.3BCD	3.3
2007	Kubota	7KBXL03.3CCD	3.1
2007	Kubota	7KBXL03.8AAD	3.8
2007	Kubota	7KBXL03.8ACD	3.8
2007	Kukje Machinery	7KMCL1.46A32	1.5
2007	Kukje Machinery	7KMCL1.71A31	1.7
2007	Kukje Machinery	7KMCL2.08A43	2.1
2007	Kukje Machinery	7KMCL2.28A41	2.3
2007	Kukje Machinery	7KMCL2.28A42	2.286
2007	Liebherr Machines Bulle SA	7LHAL10.5LPA	10.5
2007	Liebherr Machines Bulle SA	7LHAL12.0KPA	12
2007	Liebherr Machines Bulle SA	7LHAL24.2VCI	16.2
2007	Liebherr Machines Bulle SA	7LHAL9.54SPA	9.5
2007	Liquid Combustion Technology	7LCTL.418L10	0.42
2007	Lombardini Motori	7LBDL349153	0.35
2007	Lombardini Motori	7LBDL34915D	0.35
2007	Lombardini Motori	7LBDL34935D	0.35
2007	Lombardini Motori	7LBDL401154	0.40
2007	Lombardini Motori	7LBDL505502	0.51
2007	Lombardini Motori	7LBDL686SF2	0.69
2007	Lombardini Motori	7LBDL851R19	0.85
2007	Lombardini Motori	7LBDL95412L	0.95
2007	Lombardini Motori	7LBDL1.259LD	1.2
2007	Lombardini Motori	7LBDL1.37SFO	1.0
2007	Lombardini Motori	7LBDL1.8711L	1.9
2007	Lombardini Motori	7LBDL2.19CHP	1.6
2007	Lombardini Motori	7LBDL2.19CHT	2.2

Model Year	Manufacturer	Engine Family	Displacement (L)
2007	Mahindra & Mahindra	7MMLL01.8475	1.9
2007	Mahindra & Mahindra	7MMLL02.4NEF	2.4
2007	Mahindra & Mahindra	7MMLL03.1NEF	3.1
2007	Mahindra & Mahindra	7MMLL03.2NEF	3.2
2007	Mahindra & Mahindra	7MMLL03.2NET	3.2
2007	Mahindra & Mahindra	7MMLL03.4NEF	3.4
2007	Mahindra & Mahindra	7MMLL03.5NEF	3.5
2007	Mahindra (China) Tractor	7MCTL1.61NTE	1.6
2007	Mitsubishi Fuso	7MFTL02.8M4A	2.8
2007	Mitsubishi Heavy Industries	7MVXL00.6BBB	0.60
2007	Mitsubishi Heavy Industries	7MVXL01.0BBB	0.60
2007	Mitsubishi Heavy Industries	7MVXL01.0CCC	0.60
2007	Mitsubishi Heavy Industries	7MVXL01.0M2A	0.60
2007	Mitsubishi Heavy Industries	7MVXL01.0M2B	0.60
2007	Mitsubishi Heavy Industries	7MVXL01.3AAA	1.1
2007	Mitsubishi Heavy Industries	7MVXL01.5CCC	1.5
2007	Mitsubishi Heavy Industries	7MVXL01.8AAA	1.1
2007	Mitsubishi Heavy Industries	7MVXL01.8BBB	1.5
2007	Mitsubishi Heavy Industries	7MVXL01.8M2A	1.3
2007	Mitsubishi Heavy Industries	7MVXL01.9AAA	1.9
2007	Mitsubishi Heavy Industries	7MVXL01.9BBB	1.9
2007	Mitsubishi Heavy Industries	7MVXL02.3CCC	2.3
2007	Mitsubishi Heavy Industries	7MVXL02.5AAA	2.3
2007	Mitsubishi Heavy Industries	7MVXL02.5BBB	2.3
2007	Mitsubishi Heavy Industries	7MVXL02.5CCC	2.3
2007	Mitsubishi Heavy Industries	7MVXL02.5DDD	2.3
2007	Mitsubishi Heavy Industries	7MVXL03.3AAF	3.3
2007	Mitsubishi Heavy Industries	7MVXL03.3DDE	3.3
2007	Mitsubishi Heavy Industries	7MVXL04.2AAA	4.2
2007	Mitsubishi Heavy Industries	7MVXL05.0AAA	3.3
2007	Mitsubishi Heavy Industries	7MVXL05.0AAC	3.3
2007	Mitsubishi Heavy Industries	7MVXL05.0AAD	3.3
2007	Mitsubishi Heavy Industries	7MVXL05.0AAE	3.3
2007	Mitsubishi Heavy Industries	7MVXL06.4FFF	6.4
2007	Motorenfabrik Hatz	7HZXL.232C20	0.23
2007	Motorenfabrik Hatz	7HZXL.232V20	0.23
2007	Motorenfabrik Hatz	7HZXL.243C20	0.24
2007	Motorenfabrik Hatz	7HZXL.243V20	0.24
2007	Motorenfabrik Hatz	7HZXL.267C27	0.27
2007	Motorenfabrik Hatz	7HZXL.267V27	0.27
2007	Motorenfabrik Hatz	7HZXL.347C30	0.35
2007	Motorenfabrik Hatz	7HZXL.347V30	0.35
2007	Motorenfabrik Hatz	7HZXL.413C41	0.41
2007	Motorenfabrik Hatz	7HZXL.413V41	0.41
2007	Motorenfabrik Hatz	7HZXL.462C40	0.46
2007	Motorenfabrik Hatz	7HZXL.462V40	0.46
2007	Motorenfabrik Hatz	7HZXL.517C50	0.52
2007	Motorenfabrik Hatz	7HZXL.517C51	0.52
2007	Motorenfabrik Hatz	7HZXL.517V50	0.52
2007	Motorenfabrik Hatz	7HZXL.517V51	0.52
2007	Motorenfabrik Hatz	7HZXL.667C82	0.67

Model Year	Manufacturer	Engine Family	Displacement (L)
2007	Motorenfabrik Hatz	7HZXL.667C83	0.67
2007	Motorenfabrik Hatz	7HZXL.667V83	0.67
2007	Motorenfabrik Hatz	7HZXL.722C90	0.72
2007	Motorenfabrik Hatz	7HZXL.722V90	0.72
2007	Motorenfabrik Hatz	7HZXL.997C40	1.0
2007	Motorenfabrik Hatz	7HZXL.997V40	1.0
2007	Motorenfabrik Hatz	7HZXL0.69SV1	0.69
2007	Motorenfabrik Hatz	7HZXL1.38SV2	0.70
2007	Motorenfabrik Hatz	7HZXL1.38SV3	1.4
2007	Motorenfabrik Hatz	7HZXL1.38TV2	1.0
2007	Motorenfabrik Hatz	7HZXL2.57C41	1.7
2007	Motorenfabrik Hatz	7HZXL2.57V41	1.7
2007	Motorenfabrik Hatz	7HZXL3.43C42	2.6
2007	Motorenfabrik Hatz	7HZXL3.43V42	2.6
2007	MTU Detroit Diesel	7MDDL31.8XRR	23.9
2007	Nissan	7NDXL02.7TNA	2.7
2007	Nissan	7NDXL03.0FTA	3.0
2007	Nissan	7NDXL03.2TNA	3.2
2007	Perkins	7PKXL03.3DC1	3.3
2007	Perkins	7PKXL03.3DD1	3.3
2007	Perkins	7PKXL04.4NH1	4.4
2007	Perkins	7PKXL04.4NJ1	4.4
2007	Perkins	7PKXL04.4NJ2	4.4
2007	Perkins	7PKXL04.4NL1	4.4
2007	Perkins	7PKXL04.4NM1	4.4
2007	Perkins	7PKXL04.4NM2	4.4
2007	Perkins	7PKXL04.4RE1	4.4
2007	Perkins	7PKXL04.4RF1	4.4
2007	Perkins	7PKXL04.4RG1	4.4
2007	Perkins	7PKXL04.4RH1	4.4
2007	Perkins	7PKXL06.6PJ1	6.6
2007	Perkins	7PKXL06.6PJ2	6.6
2007	Perkins	7PKXL15.2TA2	15.2
2007	Perkins	7PKXL15.2TAG	15.2
2007	Sisu Diesel	7SIDL07.4G4D	7.4
2007	Sisu Diesel	7SIDL07.4G5B	7.4
2007	Sisu Diesel	7SIDL08.4H5B	8.4
2007	VM Motori	7V5XL02.1G7R	2.1
2007	VM Motori	7V5XL02.1P7J	2.1
2007	VM Motori	7V5XL02.1R7R	2.1
2007	VM Motori	7V5XL02.8R6V	2.8
2007	VM Motori	7V5XL03.0R6T	3.0
2007	VM Motori	7V5XL03.0R6W	3.0
2007	Yanmar	7YDXL0.22D1N	0.22
2007	Yanmar	7YDXL0.57U2N	0.57
2007	Yanmar	7YDXL0.57V2N	0.57
2007	Yanmar	7YDXL0.57W2N	0.57
2007	Yanmar	7YDXL0.75R2N	0.75
2007	Yanmar	7YDXL0.85U3N	0.85
2007	Yanmar	7YDXL0.85V3N	0.85
2007	Yanmar	7YDXL0.85W3N	0.85

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Attachment 1

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Model Year	Manufacturer	Engine Family	Displacement (L)
2008	CNH Engine Corporation	8X9XL0540AAD	8.8
2008	CNH UK Limited	8NHXL04.5DAA	4.5
2008	CNH UK Limited	8NHXL04.5DCB	4.5
2008	CNH UK Limited	8NHXL06.7DCD	6.7
2008	Cummins	8CEXL015.AAA	15
2008	Cummins	8CEXL015.AAB	15
2008	Cummins	8CEXL015.AAE	15
2008	Cummins	8CEXL015.AAH	15
2008	Cummins	8CEXL015.AAJ	15
2008	Cummins	8CEXL019.AAD	19
2008	Cummins	8CEXL023.AAA	23.2
2008	Cummins	8CEXL023.AAC	23.2
2008	Cummins	8CEXL0275AAG	4.5
2008	Cummins	8CEXL0275AAH	4.5
2008	Cummins	8CEXL0275AAK	4.5
2008	Cummins	8CEXL03.3ACA	3.3
2008	Cummins	8CEXL03.3ACB	3.3
2008	Cummins	8CEXL03.3ACC	3.3
2008	Cummins	8CEXL03.3ACD	3.3
2008	Cummins	8CEXL03.3ACE	3.3
2008	Cummins	8CEXL030.AAB	30
2008	Cummins	8CEXL0409AAB	6.7
2008	Cummins	8CEXL0409AAC	6.7
2008	Cummins	8CEXL0409AAD	6.7
2008	Cummins	8CEXL050.AAC	50
2008	Cummins	8CEXL050.AAD	50
2008	Cummins	8CEXL0505AAE	8.3
2008	Cummins	8CEXL0540AAB	8.8
2008	Cummins	8CEXL0661AAF	11
2008	Cummins	8CEXL0661AAG	11
2008	Cummins	8CEXL0661AAJ	11
2008	Cummins	8CEXL1.46A32	1.5
2008	Cummins	8CEXL1.56A37	1.6
2008	Cummins	8CEXL1.71A31	1.7
2008	Cummins	8CEXL2.08A43	2.1
2008	Cummins	8CEXL2.28A41	2.9
2008	Cummins	8CEXL2.28A42	2.9
2008	Daedong Industrial	8DCLL.927D5G	0.9
2008	Daedong Industrial	8DCLL.927D75	0.9
2008	Daedong Industrial	8DCLL01.0D75	1
2008	Daedong Industrial	8DCLL01.4D80	1.4
2008	Daedong Industrial	8DCLL02.0D83	2
2008	Daedong Industrial	8DCLL02.2D87	2.2
2008	Daedong Industrial	8DCLL02.4B87	1.8
2008	Daihatsu	8DHXL.9532D1	1
2008	Daihatsu	8DHXL.9532DT	1
2008	DaimlerChrysler	8MBXL07.2RJA	4.3
2008	DaimlerChrysler	8MBXL12.8RJB	12.8
2008	DaimlerChrysler	8MBXL15.9RJA	12
2008	Deere	8JDXL02.4074	2.4
2008	Deere	8JDXL02.4207	2.4

Model Year	Manufacturer	Engine Family	Displacement (L)
2008	Deere	8JDXL02.9050	2.9
2008	Deere	8JDXL02.9088	2.9
2008	Deere	8JDXL03.0063	3
2008	Deere	8JDXL03.0064	3
2008	Deere	8JDXL03.0113	2.4
2008	Deere	8JDXL03.0203	2.4
2008	Deere	8JDXL03.0206	2.4
2008	Deere	8JDXL03.0208	2.4
2008	Deere	8JDXL04.5042	4.5
2008	Deere	8JDXL04.5043	4.5
2008	Deere	8JDXL04.5057	4.5
2008	Deere	8JDXL04.5062	4.5
2008	Deere	8JDXL04.5075	4.5
2008	Deere	8JDXL04.5083	4.5
2008	Deere	8JDXL04.5107	4.5
2008	Deere	8JDXL04.5111	4.5
2008	Deere	8JDXL04.5112	4.5
2008	Deere	8JDXL06.8038	6.8
2008	Deere	8JDXL06.8039	4.5
2008	Deere	8JDXL06.8041	4.5
2008	Deere	8JDXL06.8049	6.8
2008	Deere	8JDXL06.8078	4.5
2008	Deere	8JDXL06.8080	6.8
2008	Deere	8JDXL06.8082	4.5
2008	Deere	8JDXL06.8104	4.5
2008	Deere	8JDXL06.8105	4.5
2008	Deere	8JDXL06.8106	4.5
2008	Deere	8JDXL08.1037	8.1
2008	Deere	8JDXL09.0114	9
2008	Deere	8JDXL12.5035	12.5
2008	Deutz	8DZXL01.6050	1.2
2008	Deutz	8DZXL02.3090	2.3
2008	Deutz	8DZXL02.3092	2.3
2008	Deutz	8DZXL03.1041	1.6
2008	Deutz	8DZXL06.1063	5.7
2008	Doosan Infracore	8DWXL05.8UTA	5.9
2008	Doosan Infracore	8DWXL07.6UPA	7.6
2008	Doosan Infracore	8DWXL11.0UJA	11
2008	Doosan Infracore	8DWXL21.9UYA	21.9
2008	Iseki Matsuyama	8CLL2.20C4H	2.2
2008	Iseki Matsuyama	8CLL2.96D4H	3.0
2008	Iseki Matsuyama	8ICLL1.12B3G	1.1
2008	Iseki Matsuyama	8ICLL1.46C3C	1.5
2008	Iseki Matsuyama	8ICLL1.50C3D	1.5
2008	Iseki Matsuyama	8ICLL1.50C3T	1.5
2008	Iseki Matsuyama	8ICLL1.65C3H	1.7
2008	Iseki Matsuyama	8ICLL2.96D4H	3.0
2008	Ishikawajima-Shibaura	8H3XL.507E2C	0.5
2008	Ishikawajima-Shibaura	8H3XL.507E2V	0.5
2008	Ishikawajima-Shibaura	8H3XL.761E3V	0.5
2008	Ishikawajima-Shibaura	8H3XL.954SCV	1.0

Model Year	Manufacturer	Engine Family	Displacement (L)
2008	Ishikawajima-Shibaura	8H3XL1.13LCS	1.1
2008	Ishikawajima-Shibaura	8H3XL1.13MSL	1.1
2008	Ishikawajima-Shibaura	8H3XL1.13SLC	1.1
2008	Ishikawajima-Shibaura	8H3XL1.13SLV	1.1
2008	Ishikawajima-Shibaura	8H3XL1.49N3C	1.5
2008	Ishikawajima-Shibaura	8H3XL1.49N3T	1.5
2008	Ishikawajima-Shibaura	8H3XL1.49N3V	1.5
2008	Ishikawajima-Shibaura	8H3XL2.00N84	1.5
2008	Ishikawajima-Shibaura	8H3XL2.00NCS	1.5
2008	Ishikawajima-Shibaura	8H3XL2.224LC	2.2
2008	Ishikawajima-Shibaura	8H3XL2.22L84	1.7
2008	Ishikawajima-Shibaura	8H3XL2.22N4L	2.2
2008	Ishikawajima-Shibaura	8H3XL2.22NLC	2.2
2008	Ishikawajima-Shibaura	8H3XL2.22NLT	2.2
2008	Ishikawajima-Shibaura	8H3XL2.22TCC	2.2
2008	Ishikawajima-Shibaura	8H3XM.761D20	0.5
2008	Ishikawajima-Shibaura	8H3XM1.50D40	1.1
2008	Isuzu	8SZXL02.2VNA	2.2
2008	Isuzu	8SZXL02.2VNB	2.2
2008	Isuzu	8SZXL02.2VNC	2.2
2008	Isuzu	8SZXL02.2VTB	2.2
2008	Iveco	8VEXL04.5DAB	4.5
2008	Iveco	8VEXL04.5DCB	4.5
2008	Iveco	8VEXL06.7DCD	4.5
2008	Iveco	8VEXL06.7DGB	4.5
2008	Iveco	8VEXL06.7DGS	6.7
2008	Iveco	8VEXL08.7TR3	8.7
2008	Iveco	8VEXL10.3MLR	10.3
2008	Iveco	8VEXL10.3TR3	10.3
2008	Iveco	8VEXL12.9IGR	12.9
2008	Iveco	8VEXL12.9MLR	12.9
2008	Iveco	8VEXL12.9TCD	12.9
2008	Iveco	8VEXL20.1DSL	20.1
2008	JCB Power Systems	8JCBL04.4TA7	4.4
2008	JCB Power Systems	8JCBL04.4TA8	4.4
2008	JCB Power Systems	8JCBL04.4TAE	4.4
2008	JCB Power Systems	8JCBL04.4TC6	4.4
2008	Jiangsu Changfa	8JCGL.598J1N	0.6
2008	Jiangsu Changfa	8JCGL1.53J1T	1.5
2008	Jiangsu Jiangdong	8JDGL0.48DHC	0.5
2008	Komatsu	8KLXL0275AAG	4.5
2008	Komatsu	8KLXL0275AAH	4.5
2008	Komatsu	8KLXL03.3JA6	3.3
2008	Komatsu	8KLXL03.3JB6	3.3
2008	Komatsu	8KLXL03.3JD6	3.3
2008	Komatsu	8KLXL03.3JD7	3.3
2008	Komatsu	8KLXL03.3JD8	3.3
2008	Komatsu	8KLXL03.3JD9	3.3
2008	Komatsu	8KLXL0409AAB	6.7
2008	Komatsu	8KLXL0409AAC	6.7
2008	Komatsu	8KLXL0505AAE	8.3

Model Year	Manufacturer	Engine Family	Displacement (L)
2008	Komatsu	8KLXL23.2FD7	23.2
2008	Kubota	8KBXL.276KCB	0.3
2008	Kubota	8KBXL.325KCB	0.3
2008	Kubota	8KBXL.325NCB	0.3
2008	Kubota	8KBXL.416KCB	0.4
2008	Kubota	8KBXL.719KCB	0.5
2008	Kubota	8KBXL.719KCC	0.5
2008	Kubota	8KBXL.778KCB	0.8
2008	Kubota	8KBXL.898KCB	0.6
2008	Kubota	8KBXL01.0BCC	1.0
2008	Kubota	8KBXL01.1BCB	1.1
2008	Kubota	8KBXL01.3BCB	1.0
2008	Kubota	8KBXL01.3BCD	1.3
2008	Kubota	8KBXL01.3DCB	1.3
2008	Kubota	8KBXL01.3DCC	1.3
2008	Kubota	8KBXL01.5BAD	1.1
2008	Kubota	8KBXL01.5BCC	1.1
2008	Kubota	8KBXL01.5BCD	1.1
2008	Kubota	8KBXL01.5FAD	1.5
2008	Kubota	8KBXL01.5FCC	1.5
2008	Kubota	8KBXL01.7BCD	1.3
2008	Kubota	8KBXL01.8FAD	1.8
2008	Kubota	8KBXL01.9FCB	1.9
2008	Kubota	8KBXL02.0FAC	2.0
2008	Kubota	8KBXL02.0FCC	2.0
2008	Kubota	8KBXL02.0FCD	1.5
2008	Kubota	8KBXL02.2FCC	1.7
2008	Kubota	8KBXL02.2FCD	1.7
2008	Kubota	8KBXL02.2GCC	2.2
2008	Kubota	8KBXL02.2RCD	2.2
2008	Kubota	8KBXL02.4ECD	1.8
2008	Kubota	8KBXL02.4FCC	2.4
2008	Kubota	8KBXL02.4FCD	1.8
2008	Kubota	8KBXL02.4GAD	2.4
2008	Kubota	8KBXL02.4HAD	2.4
2008	Kubota	8KBXL03.3BCC	3.3
2008	Kubota	8KBXL03.6BCD	3.6
2008	Kubota	8KBXL03.6DAD	3.6
2008	Kukje Machinery	8KMCL0.98A35	1.0
2008	Kukje Machinery	8KMCL1.05A34	1.1
2008	Kukje Machinery	8KMCL1.17A33	1.2
2008	Kukje Machinery	8KMCL1.17A36	1.2
2008	Kukje Machinery	8KMCL1.46A32	1.5
2008	Kukje Machinery	8KMCL1.71A31	1.7
2008	Kukje Machinery	8KMCL2.08A43	2.1
2008	Kukje Machinery	8KMCL2.28A41	2.3
2008	Kukje Machinery	8KMCL2.28A42	2.3
2008	Liebherr Machines Bulle SA	8LHAL10.5LPA	10.5
2008	Liebherr Machines Bulle SA	8LHAL12.0KPA	12
2008	Liebherr Machines Bulle SA	8LHAL24.2VCI	16.2
2008	Liebherr Machines Bulle SA	8LHAL9.54SPA	9.5

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Attachment 1

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Model Year	Manufacturer	Engine Family	Displacement (L)
2008	Lombardini Motori	8LBDL.34935D	0.3
2008	Lombardini Motori	8LBDL.401154	0.4
2008	Lombardini Motori	8LBDL.686SF2	0.7
2008	Lombardini Motori	8LBDL.95412L	1.0
2008	Lombardini Motori	8LBDL1.259LD	1.2
2008	Lombardini Motori	8LBDL1.37SF1	1.4
2008	Lombardini Motori	8LBDL1.37SF2	1.4
2008	Lombardini Motori	8LBDL1.8711L	1.9
2008	Lombardini Motori	8LBDL2.19CHP	2.2
2008	Lombardini Motori	8LBDL2.19CT1	2.2
2008	Mahindra & Mahindra	8MMLL02.7M30	2.7
2008	Mahindra & Mahindra	8MMLL02.7M35	2.7
2008	Mitsubishi Fuso	8MFTL02.8M4B	2.8
2008	Mitsubishi Heavy Industries	8MVXL01.0DDD	1
2008	Mitsubishi Heavy Industries	8MVXL01.0M2A	1
2008	Mitsubishi Heavy Industries	8MVXL01.0M2B	1
2008	Mitsubishi Heavy Industries	8MVXL01.3DDD	1.5
2008	Mitsubishi Heavy Industries	8MVXL01.8DDD	1.8
2008	Mitsubishi Heavy Industries	8MVXL01.8EEE	1.8
2008	Mitsubishi Heavy Industries	8MVXL01.8M2A	1.8
2008	Mitsubishi Heavy Industries	8MVXL02.5EEE	2.5
2008	Mitsubishi Heavy Industries	8MVXL02.5FFF	2.5
2008	Mitsubishi Heavy Industries	8MVXL02.5GGG	2.5
2008	Mitsubishi Heavy Industries	8MVXL02.5HHH	2.5
2008	Mitsubishi Heavy Industries	8MVXL03.3AAC	3.3
2008	Mitsubishi Heavy Industries	8MVXL03.3AAD	3.3
2008	Mitsubishi Heavy Industries	8MVXL03.3AAE	3.3
2008	Mitsubishi Heavy Industries	8MVXL03.3AAF	3.3
2008	Mitsubishi Heavy Industries	8MVXL03.3AAH	3.3
2008	Mitsubishi Heavy Industries	8MVXL03.3DDE	3.3
2008	Mitsubishi Heavy Industries	8MVXL04.2BBB	4.2
2008	Mitsubishi Heavy Industries	8MVXL04.2CCC	4.2
2008	Mitsubishi Heavy Industries	8MVXL05.0AAA	5
2008	Mitsubishi Heavy Industries	8MVXL05.0AAD	5
2008	Mitsubishi Heavy Industries	8MVXL05.0AAG	5
2008	Mitsubishi Heavy Industries	8MVXL06.4FFF	6.4
2008	Motorenfabrik Hatz	8HZXL.243C20	0.2
2008	Motorenfabrik Hatz	8HZXL.243V20	0.2
2008	Motorenfabrik Hatz	8HZXL.280C27	0.3
2008	Motorenfabrik Hatz	8HZXL.280V27	0.3
2008	Motorenfabrik Hatz	8HZXL.347C30	0.4
2008	Motorenfabrik Hatz	8HZXL.347V30	0.3
2008	Motorenfabrik Hatz	8HZXL.413C41	0.4
2008	Motorenfabrik Hatz	8HZXL.413V41	0.4
2008	Motorenfabrik Hatz	8HZXL.462C40	0.5
2008	Motorenfabrik Hatz	8HZXL.462V40	0.5
2008	Motorenfabrik Hatz	8HZXL.517C50	0.5
2008	Motorenfabrik Hatz	8HZXL.517C51	0.5
2008	Motorenfabrik Hatz	8HZXL.517V50	0.5
2008	Motorenfabrik Hatz	8HZXL.517V51	0.5
2008	Motorenfabrik Hatz	8HZXL.667C82	0.7

Model Year	Manufacturer	Engine Family	Displacement (L)
2008	Motorenfabrik Hatz	8HZXL.667C83	0.7
2008	Motorenfabrik Hatz	8HZXL.667V83	0.7
2008	Motorenfabrik Hatz	8HZXL.722C90	0.7
2008	Motorenfabrik Hatz	8HZXL.722V90	0.7
2008	Motorenfabrik Hatz	8HZXL.997C40	1.0
2008	Motorenfabrik Hatz	8HZXL.997V40	1.0
2008	Motorenfabrik Hatz	8HZXL1.38SV2	1.4
2008	Motorenfabrik Hatz	8HZXL1.38SV3	1.4
2008	Motorenfabrik Hatz	8HZXL1.38TV2	1.4
2008	Motorenfabrik Hatz	8HZXL2.57C41	2.6
2008	Motorenfabrik Hatz	8HZXL2.57V41	2.6
2008	MTU Detroit Diesel	8MDDL31.8XRR	23.9
2008	Nissan	8NDXL02.7TNA	2.7
2008	Nissan	8NDXL03.2TNA	3.2
2008	Nissan	8NDXL04.2TNA	4.2
2008	Perkins	8PKXL03.3XJ1	3.3
2008	Perkins	8PKXL03.3XL1	3.3
2008	Perkins	8PKXL03.3XM1	3.3
2008	Perkins	8PKXL04.4NH1	4.4
2008	Perkins	8PKXL04.4NJ1	4.4
2008	Perkins	8PKXL04.4NJ2	4.4
2008	Perkins	8PKXL04.4NL1	4.4
2008	Perkins	8PKXL04.4NM1	4.4
2008	Perkins	8PKXL04.4NM2	4.4
2008	Perkins	8PKXL04.4RG3	4.4
2008	Perkins	8PKXL06.6PJ1	6.6
2008	Perkins	8PKXL06.6PJ2	6.6
2008	Perkins	8PKXL15.2TA2	15.2
2008	Perkins	8PKXL15.2TAG	15.2
2008	Scania	8Y9XL11.7BBA	8.9
2008	Scania	8Y9XL11.7BBB	15.6
2008	Scania	8Y9XL15.6BDE	15.6
2008	Toyota	8TALL02.51DZ	2.5
2008	VM Motori	8V5XL03.0S4L	3
2008	VM Motori	8V5XL03.0S4S	3
2008	VM Motori	8V5XL03.0S4X	3
2008	Yanmar	8YDXL0.22D1N	0.2
2008	Yanmar	8YDXL0.57U2N	0.6
2008	Yanmar	8YDXL0.57V2N	0.6
2008	Yanmar	8YDXL0.57W2N	0.6
2008	Yanmar	8YDXL0.75R2N	0.7
2008	Yanmar	8YDXL0.78V3N	0.8
2008	Yanmar	8YDXL0.78Y3N	0.8
2008	Yanmar	8YDXL0.85U3N	0.9
2008	Yanmar	8YDXL0.85V3N	0.9
2008	Yanmar	8YDXL0.85W3N	0.9
2008	Yanmar	8YDXL0.90V3N	0.9
2008	Yanmar	8YDXL1.11U3N	1.1
2008	Yanmar	8YDXL1.11V3N	1.1
2008	Yanmar	8YDXL1.11W3N	1.1
2008	Yanmar	8YDXL1.11X3N	1.1

Model Year	Manufacturer	Engine Family	Displacement (L)
2008	Yanmar	8YDXL1.11Y3N	1.1
2008	Yanmar	8YDXL1.33J3N	1.3
2008	Yanmar	8YDXL1.33K3N	1.3
2008	Yanmar	8YDXL1.33M3N	1.3
2008	Yanmar	8YDXL1.50H3T	1.5
2008	Yanmar	8YDXL1.50K3H	1.5
2008	Yanmar	8YDXL1.50K3N	1.5
2008	Yanmar	8YDXL1.50K3T	1.5
2008	Yanmar	8YDXL1.50M3N	1.5
2008	Yanmar	8YDXL1.64J3N	1.6
2008	Yanmar	8YDXL1.64M3N	1.6
2008	Yanmar	8YDXL2.00J4T	2.0
2008	Yanmar	8YDXL2.00K4T	2.0
2008	Yanmar	8YDXL2.09K4N	2.1
2008	Yanmar	8YDXL2.09M4N	2.1
2008	Yanmar	8YDXL2.19J4N	2.2
2008	Yanmar	8YDXL2.19K4N	2.2
2008	Yanmar	8YDXL3.05K4N	3.1
2008	Yanmar	8YDXM0.32P1N	0.3
2008	Yanmar	8YDXM0.57P2N	0.6
2008	Yanmar	8YDXM0.85P3N	0.9
2008	Yanmar	8YDXM1.11P3N	1.1
2008	Yanmar	8YDXM1.64D3N	1.6
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2009	AB Volvo Penta	9VPXL16.1ACB	16.1
2009	AB Volvo Penta	9VPXL16.1ACG	16.1
2009	Caterpillar	9CPXL07.2ESL	7.2
2009	Caterpillar	9CPXL08.8ESK	8.8
2009	Caterpillar	9CPXL11.1ESK	11.1
2009	Caterpillar	9CPXL12.5ESK	12.5
2009	Caterpillar	9CPXL12.5ESX	12.5
2009	Caterpillar	9CPXL15.2ELW	15.2
2009	Caterpillar	9CPXL15.2ESW	15.2
2009	Caterpillar	9CPXL18.1ESK	18.1
2009	Caterpillar	9CPXL18.1ESX	18.1
2009	Caterpillar	9CPXL27.0ESK	27
2009	Caterpillar	9CPXL27.0ESX	27
2009	Caterpillar	9CPXL32.0ESP	32
2009	Caterpillar	9CPXL32.0ESX	32
2009	CNH UK Limited	9NHXL04.5DCB	4.5
2009	CNH UK Limited	9NHXL06.7DCD	6.7
2009	Cummins	9CEXL015.AAA	15
2009	Cummins	9CEXL015.AAE	15
2009	Cummins	9CEXL015.AAH	15
2009	Cummins	9CEXL015.AAJ	15
2009	Cummins	9CEXL019.AAD	19.0
2009	Cummins	9CEXL023.AAA	23.2
2009	Cummins	9CEXL023.AAC	23.2
2009	Cummins	9CEXL0275AAG	4.5
2009	Cummins	9CEXL0275AAH	4.5
2009	Cummins	9CEXL0275AAK	4.5

Model Year	Manufacturer	Engine Family	Displacement (L)
2009	Cummins	9CEXL03.3ACA	3.3
2009	Cummins	9CEXL03.3ACB	3.3
2009	Cummins	9CEXL03.3ACC	3.3
2009	Cummins	9CEXL03.3ACD	3.3
2009	Cummins	9CEXL03.3ACE	3.3
2009	Cummins	9CEXL03.3BAA	3.3
2009	Cummins	9CEXL0409AAB	6.7
2009	Cummins	9CEXL0409AAC	6.7
2009	Cummins	9CEXL0409AAD	6.7
2009	Cummins	9CEXL050.AAC	50.0
2009	Cummins	9CEXL050.AAD	50.0
2009	Cummins	9CEXL0505AAE	8.3
2009	Cummins	9CEXL0540AAB	8.8
2009	Cummins	9CEXL0540AAD	8.8
2009	Cummins	9CEXL0661AAF	11
2009	Cummins	9CEXL0661AAG	11
2009	Cummins	9CEXL0661AAJ	11
2009	Cummins	9CEXL1.46A32	1.5
2009	Cummins	9CEXL1.71A31	1.7
2009	Cummins	9CEXL2.08A43	2.1
2009	Cummins	9CEXL2.28A41	2.3
2009	Cummins	9CEXL2.28A42	2.3
2009	Daedong Industrial	9DCLL.927D5G	0.93
2009	Daedong Industrial	9DCLL.927D75	0.93
2009	Daedong Industrial	9DCLL01.0D75	1.0
2009	Daedong Industrial	9DCLL01.4D80	1.4
2009	Daedong Industrial	9DCLL02.0D83	2.0
2009	Daedong Industrial	9DCLL02.2D87	2.2
2009	Daedong Industrial	9DCLL02.4B87	2.4
2009	Daihatsu	9DHXL.9532D1	0.95
2009	Daihatsu	9DHXL.9532DT	0.95
2009	DaimlerChrysler	9MBXL07.2RJA	7.2
2009	Deere	9JDXL02.4074	2.4
2009	Deere	9JDXL02.4207	2.4
2009	Deere	9JDXL02.9050	2.9
2009	Deere	9JDXL02.9088	2.9
2009	Deere	9JDXL03.0063	3.0
2009	Deere	9JDXL03.0064	3.0
2009	Deere	9JDXL03.0113	3.0
2009	Deere	9JDXL03.0203	3.0
2009	Deere	9JDXL03.0206	2.4
2009	Deere	9JDXL03.0208	3.0
2009	Deere	9JDXL04.5083	4.5
2009	Deere	9JDXL04.5107	4.5
2009	Deere	9JDXL04.5111	4.5
2009	Deere	9JDXL04.5112	4.5
2009	Deere	9JDXL06.8049	6.8
2009	Deere	9JDXL06.8080	6.8
2009	Deere	9JDXL06.8104	6.8
2009	Deere	9JDXL06.8105	6.8
2009	Deere	9JDXL06.8106	6.8

Model Year	Manufacturer	Engine Family	Displacement (L)
2009	Deere	9JDXL08.1037	8.1
2009	Deere	9JDXL09.0114	9
2009	Deutz	9DZXL01.6050	1.6
2009	Deutz	9DZXL01.7091	1.7
2009	Deutz	9DZXL02.3090	2.3
2009	Deutz	9DZXL02.3092	2.3
2009	Deutz	9DZXL03.1041	3.1
2009	Deutz	9DZXL06.1063	5.7
2009	Doosan Infracore	9DICL05.8UTA	5.9
2009	Doosan Infracore	9DICL07.6UPA	7.6
2009	Doosan Infracore	9DICL11.0UJA	11
2009	Iseki Matsuyama	9CLL2.20C4H	2.2
2009	Iseki Matsuyama	9CLL2.96D4H	3.0
2009	Iseki Matsuyama	9ICLL1.12B3G	1.1
2009	Iseki Matsuyama	9ICLL1.46C4C	1.5
2009	Iseki Matsuyama	9ICLL1.50C3D	1.5
2009	Iseki Matsuyama	9ICLL1.50C3T	1.5
2009	Iseki Matsuyama	9ICLL1.65C3H	1.6
2009	Ishikawajima-Shibaura	9H3XL.507E2C	0.76
2009	Ishikawajima-Shibaura	9H3XL.507E2V	0.51
2009	Ishikawajima-Shibaura	9H3XL.761E3V	0.76
2009	Ishikawajima-Shibaura	9H3XL.954SCV	0.95
2009	Ishikawajima-Shibaura	9H3XL1.13LCS	1.1
2009	Ishikawajima-Shibaura	9H3XL1.13MSL	1.1
2009	Ishikawajima-Shibaura	9H3XL1.13SLC	1.1
2009	Ishikawajima-Shibaura	9H3XL1.13SLV	1.1
2009	Ishikawajima-Shibaura	9H3XL1.49N3C	1.5
2009	Ishikawajima-Shibaura	9H3XL1.49N3T	1.5
2009	Ishikawajima-Shibaura	9H3XL1.49N3V	1.5
2009	Ishikawajima-Shibaura	9H3XL2.00N84	2.0
2009	Ishikawajima-Shibaura	9H3XL2.00NCS	2.0
2009	Ishikawajima-Shibaura	9H3XL2.224LC	2.2
2009	Ishikawajima-Shibaura	9H3XL2.22L84	2.2
2009	Ishikawajima-Shibaura	9H3XL2.22N4L	2.2
2009	Ishikawajima-Shibaura	9H3XL2.22NLC	2.2
2009	Ishikawajima-Shibaura	9H3XL2.22NLT	2.2
2009	Ishikawajima-Shibaura	9H3XL2.22TCC	2.2
2009	Ishikawajima-Shibaura	9H3XN.507E2C	0.76
2009	Ishikawajima-Shibaura	9H3XN.761D20	0.76
2009	Ishikawajima-Shibaura	9H3XN.761E3V	0.76
2009	Ishikawajima-Shibaura	9H3XN1.13LCS	1.1
2009	Ishikawajima-Shibaura	9H3XN1.49N3C	1.5
2009	Ishikawajima-Shibaura	9H3XN1.50D40	1.5
2009	Ishikawajima-Shibaura	9H3XN2.00NCS	2.0
2009	Ishikawajima-Shibaura	9H3XN2.22NLC	2.2
2009	Isuzu	9SZXL02.2VNA	2.2
2009	Isuzu	9SZXL02.2VNB	2.2
2009	Isuzu	9SZXL02.2VNC	2.2
2009	Isuzu	9SZXL02.2VTB	2.2
2009	Iveco	9VEXL04.5DCB	4.5
2009	Iveco	9VEXL06.7DCD	6.7

Model Year	Manufacturer	Engine Family	Displacement (L)
2009	Iveco	9VEXL06.7DGB	6.7
2009	Iveco	9VEXL06.7DGS	6.7
2009	Iveco	9VEXL08.7TR3	8.7
2009	Iveco	9VEXL10.3MLR	10.3
2009	Iveco	9VEXL10.3TR3	10.3
2009	Iveco	9VEXL12.9IGR	12.9
2009	Iveco	9VEXL12.9MLR	12.9
2009	Iveco	9VEXL12.9TCD	12.9
2009	Iveco	9VEXL20.1DSL	20.1
2009	JCB Power Systems	9JCBL04.4TA7	4.4
2009	JCB Power Systems	9JCBL04.4TA8	4.4
2009	JCB Power Systems	9JCBL04.4TAE	4.4
2009	JCB Power Systems	9JCBL04.4TC6	4.4
2009	Jiangsu Jiangdong	9JDGL0.48DHC	0.5
2009	Jiangsu Jiangdong	9JDGL0.48DHD	0.5
2009	Komatsu	9KLXL0275AAG	4.5
2009	Komatsu	9KLXL0275AAH	4.5
2009	Komatsu	9KLXL03.3JA6	3.3
2009	Komatsu	9KLXL03.3JB6	3.3
2009	Komatsu	9KLXL03.3JD6	3.3
2009	Komatsu	9KLXL03.3JD7	3.3
2009	Komatsu	9KLXL03.3JD8	3.3
2009	Komatsu	9KLXL0409AAB	6.7
2009	Komatsu	9KLXL0409AAC	6.7
2009	Komatsu	9KLXL0505AAE	8.3
2009	Komatsu	9KLXL23.2FD7	23.2
2009	Komatsu	9XLXL03.3JD9	3.3
2009	Kubota	9KBXL.276KCB	0.3
2009	Kubota	9KBXL.325NCB	0.3
2009	Kubota	9KBXL.416KCB	0.4
2009	Kubota	9KBXL.719KCB	0.7
2009	Kubota	9KBXL.719KCC	0.7
2009	Kubota	9KBXL.778KCB	0.8
2009	Kubota	9KBXL.898KCB	0.9
2009	Kubota	9KBXL01.0BCC	1.0
2009	Kubota	9KBXL01.1BCB	1.1
2009	Kubota	9KBXL01.3BCB	1.3
2009	Kubota	9KBXL01.3BCD	1.3
2009	Kubota	9KBXL01.3DCB	1.3
2009	Kubota	9KBXL01.3DCC	1.3
2009	Kubota	9KBXL01.5BAD	1.5
2009	Kubota	9KBXL01.5BCC	1.5
2009	Kubota	9KBXL01.5BCD	1.5
2009	Kubota	9KBXL01.5FAD	1.5
2009	Kubota	9KBXL01.5FCC	1.5
2009	Kubota	9KBXL01.7BCD	1.7
2009	Kubota	9KBXL01.8FAD	1.8
2009	Kubota	9KBXL01.9FCB	1.9
2009	Kubota	9KBXL02.0FAC	2.0
2009	Kubota	9KBXL02.0FCC	2.0
2009	Kubota	9KBXL02.0FCD	2.0

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Model Year	Manufacturer	Engine Family	Displacement (L)
2009	Mitsubishi Heavy Industries	9MVXL03.3AAC	3.3
2009	Mitsubishi Heavy Industries	9MVXL03.3AAE	3.3
2009	Mitsubishi Heavy Industries	9MVXL03.3AAH	3.3
2009	Mitsubishi Heavy Industries	9MVXL03.3DDE	3.3
2009	Mitsubishi Heavy Industries	9MVXL04.2BBB	4.2
2009	Mitsubishi Heavy Industries	9MVXL04.2CCC	4.2
2009	Mitsubishi Heavy Industries	9MVXL05.0AAA	5
2009	Mitsubishi Heavy Industries	9MVXL05.0AAD	5
2009	Mitsubishi Heavy Industries	9MVXL06.4FFF	6.4
2009	Motorenfabrik Hatz	9HZXL.243C20	0.2
2009	Motorenfabrik Hatz	9HZXL.243V20	0.2
2009	Motorenfabrik Hatz	9HZXL.280C27	0.3
2009	Motorenfabrik Hatz	9HZXL.280V27	0.3
2009	Motorenfabrik Hatz	9HZXL.347C30	0.4
2009	Motorenfabrik Hatz	9HZXL.347V30	0.4
2009	Motorenfabrik Hatz	9HZXL.413C41	0.4
2009	Motorenfabrik Hatz	9HZXL.413V41	0.4
2009	Motorenfabrik Hatz	9HZXL.462C40	0.5
2009	Motorenfabrik Hatz	9HZXL.462V40	0.5
2009	Motorenfabrik Hatz	9HZXL.517C50	0.5
2009	Motorenfabrik Hatz	9HZXL.517C51	0.5
2009	Motorenfabrik Hatz	9HZXL.517V50	0.5
2009	Motorenfabrik Hatz	9HZXL.517V51	0.5
2009	Motorenfabrik Hatz	9HZXL.667C82	0.7
2009	Motorenfabrik Hatz	9HZXL.667C83	0.7
2009	Motorenfabrik Hatz	9HZXL.667V83	0.7
2009	Motorenfabrik Hatz	9HZXL.722C90	0.7
2009	Motorenfabrik Hatz	9HZXL.722V90	0.7
2009	Motorenfabrik Hatz	9HZXL.997C40	1.0
2009	Motorenfabrik Hatz	9HZXL.997V40	1.0
2009	Motorenfabrik Hatz	9HZXL1.38SV2	1.4
2009	Motorenfabrik Hatz	9HZXL1.38SV3	1.4
2009	Motorenfabrik Hatz	9HZXL1.38TV2	1.4
2009	Motorenfabrik Hatz	9HZXL2.57C41	2.6
2009	Motorenfabrik Hatz	9HZXL2.57V41	2.6
2009	MTU Detroit Diesel	9MDDL31.8XRR	31.8
2009	Nissan	9NDXL02.7TNA	2.7
2009	Nissan	9NDXL03.2TNA	3.2
2009	Nissan	9NDXL04.2TNA	4.2
2009	Perkins	9PKXL03.3XM1	3.3
2009	Perkins	9PKXL04.4NH1	4.4
2009	Perkins	9PKXL04.4NJ1	4.4
2009	Perkins	9PKXL04.4NJ2	4.4
2009	Perkins	9PKXL04.4NL1	4.4
2009	Perkins	9PKXL04.4NM1	4.4
2009	Perkins	9PKXL04.4NM2	4.4
2009	Perkins	9PKXL04.4RE3	4.4
2009	Perkins	9PKXL04.4RG3	4.4
2009	Perkins	9PKXL04.4RJ3	4.4
2009	Perkins	9PKXL06.6PJ1	6.6
2009	Perkins	9PKXL06.6PJ2	6.6

Model Year	Manufacturer	Engine Family	Displacement (L)
2009	Perkins	9PKXL12.5TAG	12.5
2009	Perkins	9PKXL15.2TA2	15.2
2009	Perkins	9PKXL15.2TAG	15.2
2009	Scania	9Y9XL11.7BBA	11.7
2009	Scania	9Y9XL11.7BBB	15.6
2009	Scania	9Y9XL15.6BDE	15.6
2009	Toyota	9TALL02.51DZ	2.5
2009	VM Motori	9V5XL03.0S4L	3
2009	VM Motori	9V5XL03.0S4S	3
2009	VM Motori	9V5XL03.0S4X	3
2009	Yanmar	9TDXL1.33M3N	1.3
2009	Yanmar	9YDXL0.22D1N	0.2
2009	Yanmar	9YDXL0.57U2N	0.6
2009	Yanmar	9YDXL0.57V2N	0.6
2009	Yanmar	9YDXL0.57W2N	0.6
2009	Yanmar	9YDXL0.75R2N	0.8
2009	Yanmar	9YDXL0.78V3N	0.8
2009	Yanmar	9YDXL0.78Y3N	0.8
2009	Yanmar	9YDXL0.85U3N	0.9
2009	Yanmar	9YDXL0.85V3N	0.9
2009	Yanmar	9YDXL0.85W3N	0.9
2009	Yanmar	9YDXL0.90U3N	0.9
2009	Yanmar	9YDXL0.90V3N	0.9
2009	Yanmar	9YDXL1.11U3N	1.1
2009	Yanmar	9YDXL1.11V3N	1.1
2009	Yanmar	9YDXL1.11W3N	1.1
2009	Yanmar	9YDXL1.11X3N	1.1
2009	Yanmar	9YDXL1.11Y3N	1.1
2009	Yanmar	9YDXL1.33J3N	1.3
2009	Yanmar	9YDXL1.33K3N	1.3
2009	Yanmar	9YDXL1.50H3T	1.5
2009	Yanmar	9YDXL1.50K3H	1.5
2009	Yanmar	9YDXL1.50K3N	1.5
2009	Yanmar	9YDXL1.50K3T	1.5
2009	Yanmar	9YDXL1.64J3N	1.6
2009	Yanmar	9YDXL1.64M3N	1.6
2009	Yanmar	9YDXL2.00J4T	2.0
2009	Yanmar	9YDXL2.00K4T	2.0
2009	Yanmar	9YDXL2.09K4N	2.1
2009	Yanmar	9YDXL2.09M4N	2.1
2009	Yanmar	9YDXL2.19J4N	2.2
2009	Yanmar	9YDXL3.05K4N	3.1
2009	Yanmar	9YDXN0.57P2N	0.6
2009	Yanmar	9YDXN0.85P3N	0.9
2009	Yanmar	9YDXN0.85P3N	0.9
2009	Yanmar	9YDXN1.11P3N	1.1
2009	Yanmar	9YDXN1.11U3N	1.1
2009	Yanmar	9YDXN1.33J3N	1.3
2009	Yanmar	9YDXN1.64D3N	1.6

Model Year	Manufacturer	Engine Family	Displacement (L)
2010	AB Volvo Penta	AVPXL16.1ACB	16.1
2010	AB Volvo Penta	AVPXL16.1ACG	16.1
2010	AGCO SISU Power Inc.	ASIDL08.4H5B	8.4
2010	AGCO SISU Power Inc.	ASIDL07.4G4E	7.4
2010	AGCO SISU Power Inc.	ASIDL07.4G5B	7.4
2010	AGCO SISU Power Inc.	ASIDL07.4G4D	7.4
2010	AGCO SISU Power Inc.	ASIDL07.4G5C	7.4
2010	Caterpillar	ACPXL08.8ESX	8.8
2010	Caterpillar	ACPXL14.6ESK	14.6
2010	Caterpillar	ACPXL15.2ESX	15.2
2010	Caterpillar	ACPXL07.2ESL	7.2
2010	Caterpillar	ACPXL11.1ESK	11.1
2010	Caterpillar	ACPXL15.2ELW	15.2
2010	Caterpillar	ACPXL27.0ESX	27
2010	Caterpillar	ACPXL27.0ESK	27
2010	Caterpillar	ACPXL32.0ESP	32
2010	Caterpillar	ACPXL12.5ESK	12.5
2010	Caterpillar	ACPXL18.1ESK	18.1
2010	Caterpillar	ACPXL18.1ESX	18.1
2010	Caterpillar	ACPXL10.3ESL	10.3
2010	Caterpillar	ACPXL15.2ESW	15.2
2010	Caterpillar	ACPXL12.5ESX	12.5
2010	Caterpillar	ACPXL08.8ESK	8.8
2010	Caterpillar	ACPXL08.8ESL	8.8
2010	CNH UK Limited	ANHXL04.5DCB	4.5
2010	CNH UK Limited	ANHXL06.7DCC	6.7
2010	CNH UK Limited	ANHXL06.7DCD	6.7
2010	Cummins	ACEXL0275AAG	4.5
2010	Cummins	ACEXL0275AAH	4.5
2010	Cummins	ACEXL0275AAK	4.5
2010	Cummins	ACEXL0409AAB	6.7
2010	Cummins	ACEXL03.3BAA	3.3
2010	Cummins	ACEXL0409AAC	6.7
2010	Cummins	ACEXL0409AAD	6.7
2010	Cummins	ACEXL0505AAE	8.3
2010	Cummins	ACEXL0540AAB	8.8
2010	Cummins	ACEXL050.AAD	50
2010	Cummins	ACEXL019.AAD	19
2010	Cummins	ACEXL050.AAC	50
2010	Cummins	ACEXL0540AAC	8.8
2010	Cummins	ACEXL0540AAD	8.8
2010	Cummins	ACEXL015.AAE	15
2010	Cummins	ACEXL015.AAH	15
2010	Cummins	ACEXL015.AAJ	15
2010	Cummins	ACEXL0661AAF	11
2010	Cummins	ACEXL0661AAG	11
2010	Cummins	ACEXL0661AAJ	11
2010	Cummins	ACEXL023.AAA	23.2
2010	Cummins	ACEXL023.AAC	23.2
2010	Cummins	ACEXL03.3ACB	3.3
2010	Cummins	ACEXL03.3ACA	3.3

Model Year	Manufacturer	Engine Family	Displacement (L)
2010	Cummins	ACEXL03.3ACC	3.3
2010	Cummins	ACEXL03.3ACD	3.3
2010	Cummins	ACEXL03.3ACE	3.3
2010	Daedong Industrial	ADCLL.927D5G	0.927
2010	Daedong Industrial	ADCLL02.4B87	2.434
2010	Daedong Industrial	ADCLL01.0D75	1.007
2010	Daedong Industrial	ADCLL.927D75	0.927
2010	Daedong Industrial	ADCLL01.4D80	1.393
2010	Daedong Industrial	ADCLL02.2D87	2.197
2010	Daedong Industrial	ADCLL02.0D83	1.999
2010	Daihatsu	ADHXL.9532D1	0.95
2010	Daihatsu	ADHXL.9532DT	0.95
2010	DaimlerChrysler	AMBXL07.2RJA	7.2
2010	DaimlerChrysler	AMBXL12.8RJB	12.8
2010	DaimlerChrysler	AMBXL15.9RJA	16
2010	DaimlerChrysler	AMBXL07.2RJA	7.2
2010	Deere	AJDXL02.9209	2.9
2010	Deere	AJDXL03.0208	3
2010	Deere	AJDXL03.0203	3
2010	Deere	AJDXL02.4074	2.4
2010	Deere	AJDXL02.9050	2.9
2010	Deere	AJDXL06.8106	4.5
2010	Deere	AJDXL06.8105	6.8
2010	Deere	AJDXL03.0113	3
2010	Deere	AJDXL04.5112	4.5
2010	Deere	AJDXL06.8104	6.8
2010	Deere	AJDXL04.5111	4.5
2010	Deere	AJDXL09.0114	9
2010	Deere	AJDXL04.5107	4.5
2010	Deere	AJDXL06.8117	6.8
2010	Deere	AJDXL02.4207	2.4
2010	Deere	AJDXL03.0063	3
2010	Deere	AJDXL03.0064	3
2010	Deere	AJDXL03.0206	2.4
2010	Deere	AJDXL04.5083	4.5
2010	Deere	AJDXL06.8049	6.8
2010	Deere	AJDXL06.8078	4.5
2010	Deere	AJDXL06.8080	6.8
2010	Deere	AJDXL06.8082	6.8
2010	Deere	AJDXL08.1037	8.1
2010	Deere	AJDXL02.9088	2.9
2010	Deutz	ADZXL01.7091	1.7
2010	Deutz	ADZXL02.3047	2.3
2010	Deutz	ADZXL02.3090	2.29
2010	Deutz	ADZXL02.3092	2.29
2010	Deutz	ADZXL04.8064	4.8
2010	Deutz	ADZXL07.1051	7.1
2010	Deutz	ADZXL03.1041	3.1
2010	Doosan Infracore	ADICL05.8UTA	5.9
2010	Doosan Infracore	ADICL11.0UJA	11
2010	Hyundai	AHYXL03.9TDI	3.9

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Model Year	Manufacturer	Engine Family	Displacement (L)
2010	Iveco SPA	AVEXL04.5DCB	4.5
2010	JCB Power Systems	AJCBL04.4TAE	4.4
2010	JCB Power Systems	AJCBL04.4TA8	4.4
2010	JCB Power Systems	AJCBL04.4TA7	4.4
2010	JCB Power Systems	AJCBL04.4TC6	4.4
2010	Jiangsu Jiangdong	AJDGL0.48DHC	0.5
2010	Komatsu	AKLXL0275AAG	4.5
2010	Komatsu	AKLXL0275AAH	4.5
2010	Komatsu	AKLXL0409AAB	6.7
2010	Komatsu	AKLXL0409AAC	6.7
2010	Komatsu	AKLXL0505AAE	8.3
2010	Komatsu	AKLXL03.3JD6	3.3
2010	Komatsu	AKLXL03.3JD7	3.3
2010	Komatsu	AKLXL03.3JD8	3.3
2010	Komatsu	AKLXL03.3JB6	3.3
2010	Komatsu	AKLXL03.3JA6	3.3
2010	Komatsu	AKLXL03.3JD9	3.3
2010	Komatsu	AKLXL23.2FD7	23.2
2010	Kubota	AKBXL.719NCB	0.72
2010	Kubota	AKBXL01.1DCB	1.1
2010	Kubota	AKBXL01.9FCB	1.9
2010	Kubota	AKBXL02.2RCD	2.2
2010	Kubota	AKBXL.276KGB	0.28
2010	Kubota	AKBXL.416KCB	0.42
2010	Kubota	AKBXL.325KCB	0.33
2010	Kubota	AKBXL.325NCB	0.33
2010	Kubota	AKBXL.719KCB	0.72
2010	Kubota	AKBXL.719KCC	0.72
2010	Kubota	AKBXL.778KCB	0.78
2010	Kubota	AKBXL.898KCB	0.9
2010	Kubota	AKBXL01.0BCC	1
2010	Kubota	AKBXL01.1BCB	1.1
2010	Kubota	AKBXL01.3BCB	1.3
2010	Kubota	AKBXL01.3DCB	1.3
2010	Kubota	AKBXL01.3DCC	1.3
2010	Kubota	AKBXL01.5BCC	1.5
2010	Kubota	AKBXL01.5FCC	1.5
2010	Kubota	AKBXL01.3BCD	1.4
2010	Kubota	AKBXL01.5BAD	1.5
2010	Kubota	AKBXL01.5BCD	1.5
2010	Kubota	AKBXL01.5FAD	1.5
2010	Kubota	AKBXL01.7BCD	1.7
2010	Kubota	AKBXL01.8FAD	1.8
2010	Kubota	AKBXL02.0FAC	2
2010	Kubota	AKBXL02.0FCC	2
2010	Kubota	AKBXL02.0FCD	2
2010	Kubota	AKBXL02.2FCC	2.2
2010	Kubota	AKBXL02.2FCD	2.2
2010	Kubota	AKBXL02.2GCC	2.2
2010	Kubota	AKBXL02.4ECD	2.4
2010	Kubota	AKBXL02.4FCC	2.4

Model Year	Manufacturer	Engine Family	Displacement (L)
2010	Kubota	AKBXL02.4FCD	2.4
2010	Kubota	AKBXL02.4GAD	2.4
2010	Kubota	AKBXL02.6ECD	2.6
2010	Kubota	AKBXL03.3BCC	3.3
2010	Kubota	AKBXL02.4FAD	2.4
2010	Kubota	AKBXL02.4HAD	2.4
2010	Kubota	AKBXL02.6EAD	2.6
2010	Kubota	AKBXL03.3CAD	3.3
2010	Kubota	AKBXL03.6BAC	3.6
2010	Kubota	AKBXL03.6BCD	3.6
2010	Kubota	AKBXL03.6BAD	3.6
2010	Kubota	AKBXL03.8AHD	3.8
2010	Kukje Machinery	AKMCL1.71A38	1.7
2010	Kukje Machinery	AKMCL3.41D41	3.409
2010	Kukje Machinery	AKMCL1.17A36	1.175
2010	Kukje Machinery	AKMCL2.28A42	2.286
2010	Kukje Machinery	AKMCL2.08A43	2.082
2010	Kukje Machinery	AKMCL1.71A31	1.714
2010	Kukje Machinery	AKMCL2.28A41	2.286
2010	Kukje Machinery	AKMCL1.05A34	1.058
2010	Kukje Machinery	AKMCL1.56A37	1.562
2010	Kukje Machinery	AKMCL2.39A44	2.392
2010	Kukje Machinery	AKMCL3.41D42	3.409
2010	Kukje Machinery	AKMCL1.17A33	1.175
2010	Liebherr Machines Bulle SA	ALHAL9.54SPA	10
2010	Liebherr Machines Bulle SA	ALHAL10.5LPA	11
2010	Liebherr Machines Bulle SA	ALHAL12.0KPA	12
2010	Liebherr Machines Bulle SA	ALHAL24.2VCI	16.2
2010	Lombardini A KOHLER Company	ALBDL.401154	0.4
2010	Lombardini A KOHLER Company	ALBDL.95412L	1
2010	Lombardini A KOHLER Company	ALBDL1.259LD	1.2
2010	Lombardini A KOHLER Company	ALBDL1.8711L	1.9
2010	Lombardini A KOHLER Company	ALBDL.686SF2	0.7
2010	Lombardini A KOHLER Company	ALBDL1.37SF1	1.4
2010	Lombardini A KOHLER Company	ALBDL1.37SF2	1.4
2010	Lombardini A KOHLER Company	ALBDL2.19CH1	1.6
2010	Lombardini A KOHLER Company	ALBDL2.19CH2	2.2
2010	Lombardini A KOHLER Company	ALBDL2.19CT1	2.2
2010	Lombardini A KOHLER Company	ALBDL.851425	0.9
2010	Lombardini A KOHLER Company	ALBDL.34935D	0.349
2010	LS Mtron	ALGCL02.5S4D	2.5
2010	LS Mtron	ALGCL02.5S4Q	2.5
2010	Mahindra & Mahindra	AMMLL01.8C35	1.9
2010	Mahindra & Mahindra	AMMLL01.8C40	1.9
2010	Mahindra & Mahindra	AMMLL02.5C45	2.5
2010	Mahindra & Mahindra	AMMLL02.5C49	2.5
2010	Mahindra & Mahindra	AMMLL02.5NEF	2.5
2010	Mahindra & Mahindra	AMMLL02.5N64	2.5
2010	Mahindra & Mahindra	AMMLL02.7M30	2.7
2010	Mahindra & Mahindra	AMMLL02.7M35	2.7
2010	Mahindra (China) Tractor	AMCTL1.61NTE	1.6

Model Year	Manufacturer	Engine Family	Displacement (L)
2010	Mitsubishi Heavy Industries	AMVXL01.0DDD	1
2010	Mitsubishi Heavy Industries	AMVXL01.3DDD	1.5
2010	Mitsubishi Heavy Industries	AMVXL01.8DDD	1.8
2010	Mitsubishi Heavy Industries	AMVXL01.8EEE	1.8
2010	Mitsubishi Heavy Industries	AMVXL02.5EEE	2.5
2010	Mitsubishi Heavy Industries	AMVXL02.5FFF	2.5
2010	Mitsubishi Heavy Industries	AMVXL02.5GGG	2.5
2010	Mitsubishi Heavy Industries	AMVXL02.5HHH	2.5
2010	Mitsubishi Heavy Industries	AMVXL03.3AAC	3.3
2010	Mitsubishi Heavy Industries	AMVXL03.3AAE	3.3
2010	Mitsubishi Heavy Industries	AMVXL03.3AAF	3.3
2010	Mitsubishi Heavy Industries	AMVXL03.3AAH	3.3
2010	Mitsubishi Heavy Industries	AMVXL03.3DDE	3.3
2010	Mitsubishi Heavy Industries	AMVXL04.2BBB	4.2
2010	Mitsubishi Heavy Industries	AMVXL04.2CCC	4.2
2010	Mitsubishi Heavy Industries	AMVXL05.0AAD	5
2010	Mitsubishi Heavy Industries	AMVXL05.0AAG	5
2010	Mitsubishi Heavy Industries	AMVXL06.4FFF	6.4
2010	Mitsubishi Heavy Industries	AMVXL05.0AAA	5
2010	Motorenfabrik Hatz	AHZXL.243C20	0.24
2010	Motorenfabrik Hatz	AHZXL.243V20	0.2
2010	Motorenfabrik Hatz	AHZXL.280C27	0.28
2010	Motorenfabrik Hatz	AHZXL.280V27	0.28
2010	Motorenfabrik Hatz	AHZXL.347C30	0.35
2010	Motorenfabrik Hatz	AHZXL.347V30	0.34
2010	Motorenfabrik Hatz	AHZXL.462C40	0.5
2010	Motorenfabrik Hatz	AHZXL.462V40	0.5
2010	Motorenfabrik Hatz	AHZXL.517C51	0.52
2010	Motorenfabrik Hatz	AHZXL.517V51	0.5
2010	Motorenfabrik Hatz	AHZXL.445C42	0.4
2010	Motorenfabrik Hatz	AHZXL.445V42	0.4
2010	Motorenfabrik Hatz	AHZXL.517C50	0.5
2010	Motorenfabrik Hatz	AHZXL.517V50	0.5
2010	Motorenfabrik Hatz	AHZXL.667C82	0.667
2010	Motorenfabrik Hatz	AHZXL.667C83	0.6
2010	Motorenfabrik Hatz	AHZXL.667V83	0.6
2010	Motorenfabrik Hatz	AHZXL.722C90	0.7
2010	Motorenfabrik Hatz	AHZXL.722V90	0.7
2010	Motorenfabrik Hatz	AHZXL.997C40	1
2010	Motorenfabrik Hatz	AHZXL.997V40	1
2010	Motorenfabrik Hatz	AHZXL2.57C41	3.4
2010	Motorenfabrik Hatz	AHZXL2.57V41	2.6
2010	Motorenfabrik Hatz	AHZXL1.38SV2	1.4
2010	Motorenfabrik Hatz	AHZXL1.38SV3	1.384
2010	Motorenfabrik Hatz	AHZXL1.38TV2	1.4
2010	MTU Detroit Diesel	AMDDL21.0GWR	21
2010	MTU Detroit Diesel	AMDDL31.8XRR	31.8
2010	Nissan	ANDXL02.7TNA	2.7
2010	Nissan	ANDXL03.2TNA	3.2
2010	Nissan	ANDXL04.2TNA	4.2
2010	Perkins	APKXL03.3DD3	3.3

Model Year	Manufacturer	Engine Family	Displacement (L)
2010	Perkins	APKXL03.3XM1	3.3
2010	Perkins	APKXL04.4NH1	4.4
2010	Perkins	APKXL04.4NJ1	4.4
2010	Perkins	APKXL04.4NJ2	4.4
2010	Perkins	APKXL04.4NL1	4.4
2010	Perkins	APKXL04.4NM1	4.4
2010	Perkins	APKXL04.4NM2	4.4
2010	Perkins	APKXL04.4RE3	4.4
2010	Perkins	APKXL04.4RG3	4.4
2010	Perkins	APKXL04.4RJ3	4.4
2010	Perkins	APKXL06.6PJ1	6.6
2010	Perkins	APKXL06.6PJ2	6.6
2010	Perkins	APKXL12.5TAG	12.5
2010	Perkins	APKXL15.2TA2	15.2
2010	Perkins	APKXL15.2TAG	15.2
2010	Toyota	ATALL02.51DZ	2.5
2010	Toyota	ATALL03.503Z	3.5
2010	VM Motori	AV5XL02.2R30	2.2
2010	VM Motori	AV5XL03.0S4L	3
2010	VM Motori	AV5XL03.0S4S	3
2010	VM Motori	AV5XL03.0S4X	3
2010	VM Motori	AV5XL04.5T60	4.5
2010	Yanmar	AYDXL0.57U2N	0.57
2010	Yanmar	AYDXL0.57V2N	0.57
2010	Yanmar	AYDXL0.57W2N	0.57
2010	Yanmar	AYDXL0.78V3N	0.8
2010	Yanmar	AYDXL0.78Y3N	0.8
2010	Yanmar	AYDXL0.85U3N	0.9
2010	Yanmar	AYDXL0.85V3N	0.9
2010	Yanmar	AYDXL0.85W3N	0.9
2010	Yanmar	AYDXL0.90U3N	0.9
2010	Yanmar	AYDXL0.90V3N	0.9
2010	Yanmar	AYDXL1.11U3N	1.1
2010	Yanmar	AYDXL1.11V3N	1.1
2010	Yanmar	AYDXL1.11W3N	1.1
2010	Yanmar	AYDXL1.11X3N	1.1
2010	Yanmar	AYDXL1.11Y3N	1.1
2010	Yanmar	AYDXL1.33J3N	1.3
2010	Yanmar	AYDXL1.33K3N	1.3
2010	Yanmar	AYDXL1.33M3N	1.3
2010	Yanmar	AYDXL1.50H3T	1.5
2010	Yanmar	AYDXL1.50K3H	1.5
2010	Yanmar	AYDXL1.50K3N	1.5
2010	Yanmar	AYDXL1.50K3T	1.5
2010	Yanmar	AYDXL1.64J3N	1.6
2010	Yanmar	AYDXL1.64M3N	1.6
2010	Yanmar	AYDXL2.00J4T	2
2010	Yanmar	AYDXL2.00K4T	2
2010	Yanmar	AYDXL2.09K4N	2.09
2010	Yanmar	AYDXL2.09M4N	2.09
2010	Yanmar	AYDXL2.19J4N	2.2

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HUSS FS-MK

Model Year	Manufacturer	Engine Family	Displacement (L)
2010	Yanmar	AYDXL2.19K4N	2.2
2010	Yanmar	AYDXL3.05K4N	3.1
2010	Yanmar	AYDXN0.57P2N	0.57
2010	Yanmar	AYDXN0.85P3N	0.9
2010	Yanmar	AYDXN1.11P3N	1.1
2010	Yanmar	AYDXN1.11U3N	1.1
2010	Yanmar	AYDXN1.33J3N	1.3
2010	Yanmar	AYDXN1.64D3N	4.6

Attachment 1
Executive Order DE-06-007-05

Table 2: California certified off-road engines (with DOCs) approved for HUSS FS-MK

Model Year	Manufacturer	Engine Family	Displacement (L)
2002	Eastern Tools & Equipment	2ETQL.2962E1	0.296
2002	Eastern Tools & Equipment	2ETQL.4062E1	0.406
2003	Eastern Tools & Equipment	3ETQL.2962E1	0.296
2003	Eastern Tools & Equipment	3ETQL.4062E1	0.406
2004	Eastern Tools & Equipment	4ETQL.2962E1	0.296
2004	Eastern Tools & Equipment	4ETQL.4062E1	0.406
2004	Far Winds	4FWLL.4062E1	0.406
2005	Eastern Tools & Equipment	5ETQL.2962E1	0.296
2006	Eastern Tools & Equipment	6ETQL.2962E1	0.296
2007	China Xingyue Group	7CXGL0.42DXY	0.4
2007	Eastern Tools & Equipment	7ETQL.2962E1	0.296
2008	China Xingyue Group	8CXGL0.42DXY	0.4
2008	Jiangsu Chiangfa Group	8JCGL0.31D1N	0.306
2008	Jiangsu Chiangfa Group	8JCGL0.42D1N	0.418
2009	China Xingyue Group	9CGXL0.42DXY	0.418
2010	Jiangsu Jiangdong Group	AJDGL0.48DHD	0.479

