California Environmental Protection Agency

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2009	9LBDL1.259LD	1.248	Diesel	3000
SPECIAL	FEATURES & EMISSION	CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLIC	ATION
	Direct Diesel Injec	tion	Loaders, Pump, Compres Generator Set, Other Industrial I	sor, Equipment

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED	EMISSION			E	EXHAUST (g/kw-ł	ח ר)		OF	PACITY (%	b)
POWER CLASS	STANDARD CATEGORY		HC	NOx	NMHC+NOx	со	PM	ACCEL	LUG	PEAK
8 <u><</u> kW< 19	Tier 4	STD	N/A	N/A	7.5	6.6	0.40	20	15	50
		CERT			6.9	4.0	0.35	3	3	5

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this ____

27th day of November 2008.

Annette Hebert, Chief Mobile Source Operations Division Engine Model Summary Template

Attachment, Page I of I

4-R-027-0099

				4.Fuel Rate:	5.Fuel Rate:		7.Fuel Rate:	8 Evel Date:	Inter Casteriae 0
ine Family	1.Engine Code	Engine Family 1. Engine Code 2. Engine Model	3.BHP@KPM (SAE Gross)	(for diesel only) (for diesels only) (SEA Gross)	(for diesels only)	ס. ו סוקעופי עט אראש (SEA Gross)	torque ((lbs/hr)@peak torque[(lbs/hr)@peak torqueDevice Per SAE J1930
9LBDL1.259LD		9LD625/2	25.2@3000	33.0	10.98	50.2@1700	33.5	6.31	EM DDI
9LBDL1.259LD		9LD625/2 GE	25.2@3000	33.0	10.98	FIXED SPEED	FIXED SPEED	FIXED SPEED FIXED SPEED FIXED SPEED	EM
JLBDL1.259LD		RD290	25.2@3000	33.0	10.98	50.2@1700	33.5	6.31	EM
9LBDL1.259LD		RD290 GE	25.2@3000	33.0	10.98	FIXED SPEED	FIXED SPEED	FIXED SPEED FIXED SPEED FIXED SPEED	EM
9LBDL1.259LD		KD 625-2	25.2@3000	33.0	10.98	50.2 @ 1700	33.5	6.31	EM
9LBDL1.259LD	n Miller of Mills and the theory of the Angle of Mills and the state of Mills and the state of the state of the	KD 625-2 GE	25.2@3000	33.0	10.98	FIXED SPEED	FIXED SPEED	FIXED SPEED FIXED SPEED FIXED SPEED	EM
NOT ANY A REAL PARTY OF A COMPANY OF THE ADDRESS OF A VALUE AND A	NAMENYA AN MININYA YANA YANA YANA YANA YANA YANA YAN	- 8 -	18.79KW						