California Environmental Protection Agency AIR RESOURCES BOARD

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 engine and emission control system 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)
2003	3LBDL2.07CHT	2.068	Diesel	5000 or 8000
SPECIAL I	FEATURES & EMISSION	CONTROL SYSTEMS		
Inc	direct Diesel Injection, T	urbocharger	Pump, Generator and Indu	strial 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 POWER	EMISSION STANDARD			·	EXHAUST (g/kw-l	hr)		0	PACITY (%	 6)
CLASS	CATEGORY		НС	NOx	NMHC+NOx	со	PM	ACCEL	LUG	PEAK
19 <u>&lt;</u> KW<37	Tier 1	STD	N/A	N/A	9.5	5.5	0.80	20	15	
37 <u>&lt;</u> KW<75	Tier 1	STD	N/A	9.2	N/A	N/A	N/A	20		50
		CERT		4.5	4.7	0.7	0.32	20	15	<u>50</u> 23

**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 \_\_\_\_

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\_\_\_\_ day of January 2003.

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Allen Lyons, Chief Mobile Source Operations Division

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		הואבט אסטבט	FIXED SPEED	11.58	38.5	36.18@1800	LDVV 2004/1	and a second
2	18.19	41.0	114.32@2000	27.28	<b>41.0</b>	00.00@0000		
Device Per SAE J1930						58 98 3000	LDW 2004/T	
9.Emission Control	8.Fuel Rate:	7.Fuel Rate: mm/stroke@peak	6.Torque @ RPM (SEA Gross)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	3.BHP@RPM (SAE Gross)	2.Engine Model	1.Engine Code
							New Submission	Process Code:
							•	)
.0024	u-R-027-0024						Nonroad Cl 3LBDL2.07CHT CHD - TURBO	Engine category: EPA Engine Fam <b>i</b> y. Mfr Family Name:
							Lombardini S.R.L.	Manufacturer:
			ry Form	Engine Model Summary For	Engine Mc	1	IMENT 1 OF 1	ATTACHMENT

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