Californ	ia Environmental Protection	Agency
	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	3LBDL.954127	0.954	Diesel	3000
	EATURES & EMISSION		TYPICAL EQUIPMENT	and the second se
	Direct Diesel Injec	otion	Generator and Industri	al Equipment

The engine models and codes are attached.

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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-h	nr)		OF	PACITY (%	
CLASS	CATEGORY		нс	NOx	NMHC+NOx	со	РМ	ACCEL	LUG	PEAK
8 <u>&lt;</u> KW<19	Tier 1	STD	N/A	N/A	9.5	6.6	0.80	20	15	50
		CERT			8.5	5.6	0.55	3	3	3

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

Allen Lyons, Chief Mobile Source Operations Division

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em 女	FIXED SPEED	FIXED SPEED	FIXED SPEED	8.49	25.5	19.83@3000	12LD475	
EM	5.09	23.0	33.93@2000	6.88	23.0	00/2@c1./I		
	0,24	20.0	00.22@00.00			17 16 00000000		
	۲C ۵	0 T C	18 15@0000	NC 8	25.5	19.30@2900	12LD475	
	6.24	25.6	38.35@2200	8.49	25.5	19.83@3000	12LD475	
EM DOT	5.76	26.0	38.53@2000	7.21	26.0	17.68@2500	12LD475	
9.Emission Control Device Per SAE J1930	8.Fuel Rate: (lbs/hr)@peak torque	7.Fuel Rate: mm/stroke@peak torque	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)	3.8HP@RPM (SAE Gross)	2.Engine Model	1.Engine Code
								-
							New Submission	Process Code:
							12LD475	Mfr Family Name:
							3LBDL.954127	EPA Engine Family.
-0026	2-2-02-02						Nonroad Cl	Engine category:
								The second se
						-	Lombardini S.R.L.	Manufacturer:
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**Engine Model Summary Form** 

ATTACHMENT 1 OF 1