DEUTZ AG

EXECUTIVE ORDER U-R-013-0198
New Off-Road
Compression-Ignition Engines

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 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)
2007	7DZXL06.5043	6.5, 5.4, 4.3, 3.2	Diesel	8000
	FEATURES & EMISSION		TYPICAL EQUIPMENT	
Smoke	Direct Diesel Injec Puff Limiter (some mod	ction, els), Turbocharger	Pump	

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			Е	XHAUST (g/kW-l	hr)		OF	PACITY (%	•)
POWER CLASS	STANDARD CATEGORY		нс	NOx	NMHC+NOx	co	PM	ACCEL	LUG	PEAK
37 ≤ kW < 75	Tier 2	STD	N/A	N/A	7.5	5.0	0.40	N/A	N/A	N/A
		CERT	-	-	6.6	2.3	0.24	-	-	-

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 December 2006.

Annette Hebert, Chief C

Mobile Source Operations Division

Engine Model Summary Form

Manufacturer: Deutz AG

Engine category: Norroad CI

EPA Engine Family: 702X0.06.5043 Mfr Family Name: BFL914

Process Code: New Subm

New Submission

Attachment Ed# 4-R-013-0198

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24,9	88	
28,7	75	THE STREET STREET, STR
33,2	88	85,1@2300 65
36,2	7	94,5@2300 71
41,6	R	100,4@2500 75
41,6	72	
88,3	72	
36,5	71,5	95,8@2300 71,5
35	68,5	
38,6	3 4	
36,7	1	92,6@2150 77
35,8	Æ	
35,5	8	92,1@2000 80
34,2	#	
32,4	ĸ	82,7@2000 73
35,5	88	
98	88	
35,5	8	
39,1	8	96,9@2200 80
39.9	75	07 E/20400