

DEUTZ AG

EXECUTIVE ORDER U-R-013-0668-1

New Off-Road Compression-Ignition Engines Page 1 of 1

Pursuant to the authority vested in California 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-19-095;

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)			
2022	NDZXL06.1049	6.057	Diesel	8000			
SPECIAL	FEATURES & EMISSION C	CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION				
Charge Exhau	non Rail Direct Injection e Air Cooler, Electronic ast Gas Recirculation, C er, Selective Catalytic	Control Module, Continuous Trap	Tractor				

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for non-methane hydrocarbon (NMHC), 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 STANDARD CATEGORY		EXHAUST (g/kw-hr)						OPACITY (%)		
POWER CLASS			NMHC	NOx	NMHC+NOx	co	PM	ACCEL	LUG	PEAK	
130 ≤ kW ≤ 560	Tier 4 Final	STD	0.19	0.40	N/A	3.5	0.02	N/A	N/A	N/A	
		CERT	0.03	0.16		0.03	0.005				

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.

This Executive Order hereby supersedes Executive Order U-R-013-0668 dated January 5, 2022.

Executed on this 26th day of April 2022.

Allen Lyons, Chief

Emissions Certification and Compliance Division

Attachment: Engine Models EO #: U-R-013-0668-1 Attachment Revised: 12/29/2021 Family: NDZXL06.1049 Displacement -Peak Power -Peak Power -Peak Power -Peak Power -Peak Torque -Peak Torque -Peak Torque -Peak Torque -Displacement GHG Model Config Units **Peak Power** Speed (rpm) Special Code Trim Units Speed (rpm) Fueling **Fuel Units** Peak Torque Units Fuel **Fuel Units** OBD Notes CFWT174U 81.4 TCD6.1L6 L6 6.057 Liters 233.8 horsepower 2100 87 lb/hr 790.6 lb-ft 1500 lb/hr TCD6.1L6 CFWT162U 6.057 78.8 73.1 lb/hr L6 Liters 218.1 2100 lb/hr 739.0 lb-ft 1500 horsepower CFWT148U TCD6.1L6 6.057 198.7 73.6 lb/hr 671.9 66.5 lb/hr L6 Liters horsepower 2100 lb-ft 1500 TCD6.1L6 CFWT133U 6.057 178.3 66.4 603.3 59.5 lb/hr L6 Liters 2100 lb/hr lb-ft 1500 horsepower TCD6.1L6 CFWT159U 6.057 79.9 lb/hr 668.2 1500 65.4 lb/hr L6 Liters 213.4 horsepower 2200 lb-ft TCD6.1L6 CFWT141U L6 6.057 189.7 2200 71.2 lb/hr 615.8 lb-ft 1500 60.2 lb/hr Liters horsepower CFWT157U 76.5 63.9 TCD6.1L6 L6 6.057 Liters 217.9 horsepower 2100 lb/hr 655.6 lb-ft 1500 lb/hr 52.6 TCD6.1L6 CFWT144U L6 6.057 Liters 193.7 horsepower 2100 70.3 lb/hr 671.9 lb-ft 1500 lb/hr TCD6.1L6 CFWT134U 6.057 178.3 66.1 603.3 59.2 lb/hr L6 Liters horsepower 2100 lb/hr lb-ft 1500 TCD6.1L6 CFWT132U L6 6.057 Liters 178.3 horsepower 2100 66.4 603.3 lb-ft 59.5 lb/hr TCD6.1L6 CFWT147U L6 6.057 Liters 198.7 horsepower 2100 73.6 lb/hr 671.9 lb-ft 1500 66.5 lb/hr TCD6.1L6 CFWT161U L6 6.057 Liters 218.1 horsepower 2100 78.8 739.0 lb-ft 1500 73.1 lb/hr TCD6.1L6 CFWT173U L6 6.057 Liters 233.8 horsepower 2100 87.0 lb/hr 790.6 lb-ft 1500 81.4 lb/hr TCD6.1L6 CFWT175U L6 6.057 Liters 233.3 horsepower 2100 86.7 lb/hr 655.7 lb-ft 1500 63.9 lb/hr TCD6.1L6 CFWT165U L6 6.057 Liters 221.3 2100 80.9 lb/hr 715.4 lb-ft 1500 71.9 lb/hr horsepower TCD6.1L6 CFWT140U L6 6.057 Liters 188.6 horsepower 2100 69.4 lb/hr 605.5 lb-ft 1500 59.4 lb/hr