

AGCO POWER INC.

EXECUTIVE ORDER U-R-050-0090 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-19-095;

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)			
2021	MSIDL07.4I7C	7.4, 6.6, 4.9	Diesel	8000			
SPECIAL	FEATURES & EMISSION O	CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION				
Cooler, Reductio	ic Direct Injection, Turboo Engine Control Module, n-Urea, Ammonia Oxidat dation Catalyst, Periodic	Selective Catalyst ion Catalyst, Diesel	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 POWER	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr) OPACITY (%)							%)
CLASS			NMHC	NOx	NMHC+NOx	СО	PM	ACCEL	LUG	PEAK
130 <u><</u> KW < 560	Tier 4 Final	STD	0.19	0.40	N/A	3.5	0.02	N/A	N/A	N/A
		CERT	0.01	0.29		0.01	0.01			

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 on this _____ day of December 2020.

Allen Lyons, Chief

Emissions Certification and Compliance Division

Attachment: Engine Models EO #: U-R-050-0090 Family: MSIDL07.4I7C **Attachment Revised:** 11/19/2020 Displacement -Peak Power -Peak Power -Peak Power -Peak Power -Peak Torque -Peak Torque -Peak Torque -Peak Torque -Code Trim Config Displacement **Peak Torque** Model Units **Peak Power** Units Speed (rpm) **Fueling Fuel Units** Units Speed (rpm) Fuel **Fuel Units** OBD GHG Special Notes LFTN-D 5.1567 I6 7.4 Liters 275 2100 160 mm3/stroke 974 lb-ft 1500 188 mm3/stroke OCV horsepower 74 LFTN-D 4.1610 I6 1950 144 mm3/stroke lb-ft 1460 mm3/stroke OCV 7.4 Liters 241 horsepower 833 156 74 LFTN-D 4.1611 I6 7.4 Liters 274 1950 161 mm3/stroke 944 lb-ft 1460 178 mm3/stroke OCV horsepower 66 LFTN-D 4.1609 I6 208 127 1500 OCV 6.6 Liters 2100 mm3/stroke 701 lb-ft 135 mm3/stroke horsepower 74 LFTN-D 4.1612 | 16 7.4 217 1950 126 lb-ft OCV Liters horsepower mm3/stroke 738 1500 139 mm3/stroke LFTN-D 4.1613 | 16 74 7.4 241 1950 144 833 lb-ft 1500 156 OCV Liters horsepower mm3/stroke mm3/stroke 74 LFTN-D 4.1614 I6 7.4 274 161 944 lb-ft Liters horsepower 1950 mm3/stroke 1500 178 mm3/stroke OCV 74 LFTN-D 4.1674 | 16 7.4 241 horsepower 1950 144 mm3/stroke 833 lb-ft 1500 156 mm3/stroke OCV LFTN-D 4.1675 I6 7.4 Liters 274 horsepower 1950 161 mm3/stroke 944 lb-ft 1500 178 mm3/stroke OCV LFTN-D 4.1627 I4 4.9 181 horsepower 2100 158 mm3/stroke 590 lb-ft 1500 173 mm3/stroke OCV Liters 66 LFTN-D 4.1698 I6 6.6 208 2100 130 mm3/stroke 701 1500 137 OCV Liters lb-ft mm3/stroke horsepower 74 LFTN-D 4.1699 I6 139 OCV 7.4 Liters 235 2100 mm3/stroke 811 lb-ft 1500 153 mm3/stroke horsepower 74 LFTN-D 4.1700 I6 296 170 OCV 7.4 Liters horsepower 2100 mm3/stroke 885 lb-ft 1500 169 mm3/stroke