CALIFORNIA AIR RESOURCES BOARD	**AGCO POWER INC.**	**EXECUTIVE ORDER U-R-050-0089** 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)
2021	MSIDL06.6I7C	6.6, 4.9, 4.4	Diesel	8000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Electronic Direct Injection, Turbocharger, Charge Air Cooler, Engine Control Module, Selective Catalyst Reduction-Urea, Ammonia Oxidation Catalyst, Diesel Oxidation Catalyst, Periodic Trap Oxidizer	Tractor, Generator

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 CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			NMHC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
75 ≤ KW < 130	Tier 4 Final	**STD**	0.19	0.40	N/A	5.0	0.02	N/A	N/A	N/A
		CERT	0.01	0.31	--	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 16th day of December 2020.

Allen Lyons, Chief
Emissions Certification and Compliance Division

Attachment: Engine Models **EO #:** U-R-050-0089 **Family:** MSIDL06.6I7C **Attachment Revised:** 11/19/2020

Model	Code	Trim	Config	Displacement	Displacement - Units	Peak Power	Peak Power - Units	Peak Power - Speed (rpm)	Peak Power - Fueling	Peak Power - Fuel Units	Peak Torque	Peak Torque - Units	Peak Torque - Speed (rpm)	Peak Torque - Fuel	Peak Torque - Fuel Units	OBD	GHG	Special	Notes
49	LFTN-D	5.1566	I4	4.9	Liters	161	horsepower	2100	126	mm3/stroke	583	lb-ft	1500	169	mm3/stroke				OCV
44	MBTN-D	4.1615	I4	4.4	Liters	109	horsepower	2200	94	mm3/stroke	325	lb-ft	1500	98	mm3/stroke				CCV
44	MBTN-D	4.1616	I4	4.4	Liters	118	horsepower	2200	100	mm3/stroke	347	lb-ft	1500	104	mm3/stroke				CCV
44	MBTN-D	4.1617	I4	4.4	Liters	102	horsepower	2200	88	mm3/stroke	325	lb-ft	1500	98	mm3/stroke				CCV
44	MBTN-D	4.1618	I4	4.4	Liters	125	horsepower	2200	106	mm3/stroke	413	lb-ft	1500	123	mm3/stroke				CCV
44	MBTN-D	4.1619	I4	4.4	Liters	131	horsepower	2200	110	mm3/stroke	398	lb-ft	1500	119	mm3/stroke				CCV
44	MBTN-D	4.1620	I4	4.4	Liters	138	horsepower	2200	118	mm3/stroke	413	lb-ft	1500	124	mm3/stroke				CCV
66	LFTN-D	4.1629	I6	6.6	Liters	157	horsepower	2100	87	mm3/stroke	538	lb-ft	1500	100	mm3/stroke				OCV
44	MBTN-D	4.1663	I4	4.4	Liters	106	horsepower	2200	90	mm3/stroke	347	lb-ft	1500	101	mm3/stroke				CCV
44	MBTN-D	4.1664	I4	4.4	Liters	115	horsepower	2200	96	mm3/stroke	376	lb-ft	1500	109	mm3/stroke				CCV
44	MBTN-D	4.1665	I4	4.4	Liters	126	horsepower	2200	105	mm3/stroke	413	lb-ft	1500	119	mm3/stroke				CCV
44	MBTN-D	4.1666	I4	4.4	Liters	130	horsepower	2200	108	mm3/stroke	402	lb-ft	1500	117	mm3/stroke				CCV
44	MBTN-D	4.1667	I4	4.4	Liters	141	horsepower	2200	116	mm3/stroke	413	lb-ft	1500	119	mm3/stroke				CCV