

Emission Certified Engines for Clarke Fire Protection Products, Inc.									
Nameplate Rating Information									
Clarke Model	Power Rating (BHP / kW)	Certified Speed (RPM)	Engine Rating	Variable Speed (VS) Constant Speed (CS)	EPA Family Name	EPA Certificate Number	EPA Certificate Label	Application (PLD, Non-PLD, both)	
JU4H-UFAEA0	37 / 27.5	1760	4045TF290H	CS	MJDXL04.5214	MJDXL04.5214-005	R572858	Non-PLD only	
JU4H-UFAEA0	42 / 31	2100	4045TF290G	CS	MJDXL04.5214	MJDXL04.5214-005	R572858	Non-PLD only	
JU4H-UFAEA0	46 / 34	2350	4045TF290F	CS	MJDXL04.5214	MJDXL04.5214-005	R572858	Non-PLD only	
JU4H-UFAEE8	64 / 48	1760	4045TF290E	CS	MJDXL04.5214	MJDXL04.5214-005	R572858	Non-PLD only	
JU4H-UFAEF2	74 / 55	2350	4045TF290C	CS	MJDXL04.5214	MJDXL04.5214-005	R572858	Non-PLD only	
JU4H-UFAEF2	74 / 55	2100	4045TF290D	CS	MJDXL04.5214	MJDXL04.5214-005	R572858	Non-PLD only	
JU4H-UFADJ2	99 / 74	2350	4045HF280E	CS	MJDXL04.5141	MJDXL04.5141-010	R572886	Non-PLD only	
JU4H-UFADJ2	99 / 74	2100	4045HF280F	CS	MJDXL04.5141	MJDXL04.5141-010	R572886	Non-PLD only	
JU4H-UFADJ8	86 / 64	1760	4045HF280G	CS	MJDXL04.5141	MJDXL04.5141-010	R572886	Non-PLD only	
JU4H-UFAD5G	110 / 82	1760	4045HFC28A	CS	MJDXL04.5119	MJDXL04.5119-003	R572888	Non-PLD only	
JU4H-UFAD5G	113 / 84	2100	4045HFC28D	CS	MJDXL04.5119	MJDXL04.5119-003	R572888	Non-PLD only	
JU4H-UFAD5G	118 / 88	2350	4045HFC28C	CS	MJDXL04.5119	MJDXL04.5119-003	R572888	Non-PLD only	
JU4H-UFADR0	113 / 84	1760	4045HFC28A	CS	MJDXL04.5119	MJDXL04.5119-003	R572888	Non-PLD only	
JU4H-UFADP0	121 / 90	1760	4045HFC28A	CS	MJDXL04.5119	MJDXL04.5119-003	R572888	Non-PLD only	
JU4H-UFADW8	144 / 107	1760	4045HFC28A	CS	MJDXL04.5119	MJDXL04.5119-003	R572888	Non-PLD only	
JU4H-UFADY8	157 / 117	1760	4045HFC28A	CS	MJDXL04.5119	MJDXL04.5119-003	R572888	Non-PLD only	
JU4H-UFADR0	136 / 101	2100	4045HFC28D	CS	MJDXL04.5119	MJDXL04.5119-003	R572888	Non-PLD only	
JU4H-UFADP0	125 / 93	2100	4045HFC28D	CS	MJDXL04.5119	MJDXL04.5119-003	R572888	Non-PLD only	
JU4H-UFADR0	140 / 104	2350	4045HFC28C	CS	MJDXL04.5119	MJDXL04.5119-003	R572888	Non-PLD only	
JU4H-UFADP0	130 / 97	2350	4045HFC28C	CS	MJDXL04.5119	MJDXL04.5119-003	R572888	Non-PLD only	
JU4H-UFADJG	109 / 81	1760	4045HFC28E	VS	MJDXL04.5119	MJDXL04.5119-003	R572887	PLD only	
JU4H-UFADJG	120 / 89	2100	4045HFC28E	VS	MJDXL04.5119	MJDXL04.5119-003	R572887	PLD only	
JU4H-UFADJG	123 / 92	2400/2350	4045HFC28E	VS	MJDXL04.5119	MJDXL04.5119-003	R572887	PLD only	
JU4H-UFAD98	175 / 131	1760	4045HFC28F	CS	MJDXL06.8120	MJDXL06.8120-004	R572889	Non-PLD only	
JU4R-UFAEF1	71 / 53	2100	4045TF290D	CS	MJDXL04.5214	MJDXL04.5214-005	R572858	Non-PLD only	
JU4R-UFAEF1	70 / 52	2350	4045TF290C	CS	MJDXL04.5214	MJDXL04.5214-005	R572858	Non-PLD only	
JU4R-UFAEE7	62 / 46	1760	4045TF290E	CS	MJDXL04.5214	MJDXL04.5214-005	R572858	Non-PLD only	
JU4R-UFAEA9	35 / 26	1760	4045TF290H	CS	MJDXL04.5214	MJDXL04.5214-005	R572858	Non-PLD only	
JU4R-UFAEA9	39 / 29	2100	4045TF290G	CS	MJDXL04.5214	MJDXL04.5214-005	R572858	Non-PLD only	
JU4R-UFAEA9	42 / 31	2350	4045TF290F	CS	MJDXL04.5214	MJDXL04.5214-005	R572858	Non-PLD only	
JU6H-UFADNG	190 / 142	1760	6068HFC28A	CS	MJDXL06.8120	MJDXL06.8120-004	R572933	Non-PLD only	
JU6H-UFAD88	237 / 177	1760	6068HFC28A	CS	MJDXL06.8120	MJDXL06.8120-004	R572933	Non-PLD only	
JU6H-UFADN0	197 / 147	1760	6068HFC28A	CS	MJDXL06.8120	MJDXL06.8120-004	R572933	Non-PLD only	
JU6H-UFADP8	220 / 164	1760	6068HFC28A	CS	MJDXL06.8120	MJDXL06.8120-004	R572933	Non-PLD only	
JU6H-UFADNG	181 / 135	2100	6068HFC28D	CS	MJDXL06.8120	MJDXL06.8120-004	R572933	Non-PLD only	
JU6H-UFADMG	175 / 131	2100	6068HFC28D	CS	MJDXL06.8120	MJDXL06.8120-004	R572933	Non-PLD only	
JU6H-UFADN0	197 / 147	2100	6068HFC28D	CS	MJDXL06.8120	MJDXL06.8120-004	R572933	Non-PLD only	
JU6H-UFADMG	175 / 131	2350	6068HFC28C	CS	MJDXL06.8120	MJDXL06.8120-004	R572933	Non-PLD only	
JU6H-UFADNG	183 / 137	2350	6068HFC28C	CS	MJDXL06.8120	MJDXL06.8120-004	R572933	Non-PLD only	
JU6H-UFADN0	200 / 149	2350	6068HFC28C	CS	MJDXL06.8120	MJDXL06.8120-004	R572933	Non-PLD only	
JU6H-UFADK0	168 / 125	1760	6068HFC28E	VS	MJDXL06.8120	MJDXL06.8120-004	R572926	PLD only	
JU6H-UFADK0	173 / 129	2100	6068HFC28E	VS	MJDXL06.8120	MJDXL06.8120-004	R572926	PLD only	
JU6H-UFADK0	175 / 131	2350 / 2400	6068HFC28E	VS	MJDXL06.8120	MJDXL06.8120-004	R572926	PLD only	
JU6H-UFADR8	250 / 187	1760	6068HFC48A	CS	MJDXL13.5103	MJDXL13.5103-007	R572935	Non-PLD only	
JU6H-UFADS8	260 / 194	1760	6068HFC48A	CS	MJDXL13.5103	MJDXL13.5103-007	R572935	Non-PLD only	
JU6H-UFADW8	282 / 211	1760	6068HFC48A	CS	MJDXL13.5103	MJDXL13.5103-007	R572935	Non-PLD only	
JU6H-UFADX8	305 / 227.5	1760	6068HFC48A	CS	MJDXL13.5103	MJDXL13.5103-007	R572935	Non-PLD only	
JU6H-UFAD98	315 / 235	1760	6068HFC48A	CS	MJDXL13.5103	MJDXL13.5103-007	R572935	Non-PLD only	
JU6H-UFADP0	220 / 164	1760	6068HFC48B	VS	MJDXL13.5103	MJDXL13.5103-007	R572934	PLD only	
JU6H-UFADP0	211 / 157	2400 / 2350	6068HFC48B	VS	MJDXL13.5103	MJDXL13.5103-007	R572934	Both	
JU6H-UFADP0	209 / 156	2100	6068HFC48B	VS	MJDXL13.5103	MJDXL13.5103-007	R572934	Both	
JU6H-UFADQ0	226 / 169	2400 / 2350	6068HFC48B	VS	MJDXL13.5103	MJDXL13.5103-007	R572934	Both	
JU6H-UFADQ0	224 / 167	2100	6068HFC48B	VS	MJDXL13.5103	MJDXL13.5103-007	R572934	Both	
JU6H-UFADR0	240 / 179	2400/2350	6068HFC48B	VS	MJDXL13.5103	MJDXL13.5103-007	R572934	Both	
JU6H-UFADR0	238 / 177.5	2100	6068HFC48B	VS	MJDXL13.5103	MJDXL13.5103-007	R572934	Both	
JU6H-UFADT0	229 / 171	1760	6068HFC48B	VS	MJDXL13.5103	MJDXL13.5103-007	R572934	PLD only	
JU6H-UFADT0	275 / 205	2400/2350	6068HFC48B	VS	MJDXL13.5103	MJDXL13.5103-007	R572934	Both	
JU6H-UFADT0	274 / 204	2100	6068HFC48B	VS	MJDXL13.5103	MJDXL13.5103-007	R572934	Both	
JW6H-UFADF0	327 / 244	1760	6090HFC47A	CS	MJDXL09.0114	MJDXL09.0114-006	R572912	Non-PLD only	
JW6H-UFADJ0	350 / 261	1760	6090HFC47A	CS	MJDXL09.0114	MJDXL09.0114-006	R572912	Non-PLD only	
JW6H-UFAD70	376 / 280	1760	6090HFC47A	CS	MJDXL09.0114	MJDXL09.0114-006	R572912	Non-PLD only	
JW6H-UFAD80	422 / 315	1760	6090HFC47A	CS	MJDXL09.0114	MJDXL09.0114-006	R572912	Non-PLD only	
JW6H-UFADF0	311 / 232	2100	6090HFC47B	CS	MJDXL09.0114	MJDXL09.0114-006	R572912	Non-PLD only	
JW6H-UFADJ0	332 / 247.5	2100	6090HFC47B	CS	MJDXL09.0114	MJDXL09.0114-006	R572912	Non-PLD only	
JW6H-UFAD70	399 / 297.5	2100	6090HFC47B	CS	MJDXL09.0114	MJDXL09.0114-006	R572912	Non-PLD only	
JW6H-UFAD80	400 / 298	2100	6090HFC47B	CS	MJDXL09.0114	MJDXL09.0114-006	R572912	Non-PLD only	
JW6H-UFADD0	324 / 242	1760	6090HFC48	VS	MJDXL13.5103	MJDXL13.5103-007	R572913	PLD only	
JW6H-UFADD0	351 / 262	2100	6090HFC48	VS	MJDXL13.5103	MJDXL13.5103-007	R572913	PLD only	
C18H0-UFAD18	460 / 343	1760	C18-600	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD10	488 / 364	1900	C18-600	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD10	488 / 364	2100	C18-600	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD28	510 / 380	1760	C18-600	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD20	525 / 392	1900	C18-600	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD20	525 / 392	2100	C18-600	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD38	542 / 404	1760	C18-600	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD30	575 / 429	1900	C18-600	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD30	575 / 429	2100	C18-600	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD48	600 / 447	1760	C18-600	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD40	600 / 447	1900	C18-600	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD40	600 / 447	2100	C18-600	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD58	650 / 485	1760	C18-700	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD50	650 / 485	1900	C18-700	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD50	650 / 485	2100	C18-700	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD68	687 / 512	1760	C18-700	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD78	700 / 522	1760	C18-700	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
C18H0-UFAD70	700 / 522	1900	C18-700	CS	MCPXL18.1NZS	MCPXL18.1NZS-006		Non-PLD only	
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2021 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT

OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Deere & Company
(U.S. Manufacturer or Importer)
Certificate Number: MJDXL04.5214-005

Effective Date:

07/01/2020

Expiration Date:

12/31/2021

Byron J. Bunker, Division Director
Compliance Division

Issue Date:

07/01/2020

Revision Date:

N/A

Model Year: 2021

Manufacturer Type: Original Engine Manufacturer

Engine Family: MJDXL04.5214

Mobile/Stationary Indicator: Stationary

Emissions Power Category: 37<=kW<56

Fuel Type: Diesel

After Treatment Devices: No After Treatment Devices Installed

Non-after Treatment Devices: Non-standard Non-After Treatment Device Installed, Engine Design Modification

Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following engines, by engine family, more fully described in the documentation required by 40 CFR Part 60 and produced in the stated model year.

This certificate of conformity covers only those new compression-ignition engines which conform in all material respects to the design specifications that applied to those engines described in the documentation required by 40 CFR Part 60 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 60.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 1068 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR Part 60. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void *ab initio* for other reasons specified in 40 CFR Part 60.

This certificate does not cover engines sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.

The actual engine power may lie outside the limits of the Emissions Power Category shown above. See the certificate application for details.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2021 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT

OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Deere & Company
(U.S. Manufacturer or Importer)
Certificate Number: MJDXL04.5141-010

Effective Date:

07/16/2020

Expiration Date:

12/31/2021

Byron J. Bunker, Division Director
Compliance Division

Issue Date:

07/16/2020

Revision Date:

N/A

Model Year: 2021

Manufacturer Type: Original Engine Manufacturer

Engine Family: MJDXL04.5141

Mobile/Stationary Indicator: Stationary

Emissions Power Category: 56<=kW<75

Fuel Type: Diesel

After Treatment Devices: No After Treatment Devices Installed

Non-after Treatment Devices: Smoke Puff Limiter, Engine Design Modification, Non-standard Non-After Treatment Device Installed

Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following engines, by engine family, more fully described in the documentation required by 40 CFR Part 60 and produced in the stated model year.

This certificate of conformity covers only those new compression-ignition engines which conform in all material respects to the design specifications that applied to those engines described in the documentation required by 40 CFR Part 60 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 60.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 1068 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR Part 60. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void *ab initio* for other reasons specified in 40 CFR Part 60.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2021 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT

OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Deere & Company
(U.S. Manufacturer or Importer)
Certificate Number: MJDXL04.5119-003

Effective Date:

07/01/2020

Expiration Date:

12/31/2021

Byron J. Bunker, Division Director
Compliance Division

Issue Date:

07/01/2020

Revision Date:

N/A

Model Year: 2021

Manufacturer Type: Original Engine Manufacturer

Engine Family: MJDXL04.5119

Mobile/Stationary Indicator: Stationary

Emissions Power Category: 75<=kW<130

Fuel Type: Diesel

After Treatment Devices: No After Treatment Devices Installed

Non-after Treatment Devices: Electronic Control, Smoke Puff Limiter, Non-standard Non-After Treatment Device Installed, Engine Design Modification

Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following engines, by engine family, more fully described in the documentation required by 40 CFR Part 60 and produced in the stated model year.

This certificate of conformity covers only those new compression-ignition engines which conform in all material respects to the design specifications that applied to those engines described in the documentation required by 40 CFR Part 60 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 60.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 1068 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR Part 60. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void *ab initio* for other reasons specified in 40 CFR Part 60.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2021 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT

OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Deere & Company
(U.S. Manufacturer or Importer)
Certificate Number: MJDXL06.8120-004

Effective Date:

07/01/2020

Expiration Date:

12/31/2021

Byron J. Bunker, Division Director
Compliance Division

Issue Date:

07/01/2020

Revision Date:

N/A

Model Year: 2021

Manufacturer Type: Original Engine Manufacturer

Engine Family: MJDXL06.8120

Mobile/Stationary Indicator: Stationary

Emissions Power Category: 130<=kW<225

Fuel Type: Diesel

After Treatment Devices: No After Treatment Devices Installed

Non-after Treatment Devices: Electronic Control, Smoke Puff Limiter, Non-standard Non-After Treatment Device Installed, Engine Design Modification

Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following engines, by engine family, more fully described in the documentation required by 40 CFR Part 60 and produced in the stated model year.

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This certificate does not cover engines sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.

The actual engine power may lie outside the limits of the Emissions Power Category shown above. See the certificate application for details.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2021 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT

OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Deere & Company
(U.S. Manufacturer or Importer)
Certificate Number: MJDXL13.5103-007

Effective Date:

07/16/2020

Expiration Date:

12/31/2021

Byron J. Bunker, Division Director
Compliance Division

Issue Date:

07/16/2020

Revision Date:

N/A

Model Year: 2021

Manufacturer Type: Original Engine Manufacturer

Engine Family: MJDXL13.5103

Mobile/Stationary Indicator: Stationary

Emissions Power Category: 225<=kW<450

Fuel Type: Diesel

After Treatment Devices: No After Treatment Devices Installed

Non-after Treatment Devices: Electronic Control, Smoke Puff Limiter, Non-standard Non-After Treatment Device Installed, Engine Design Modification, Electronic/Electric EGR - Cooled

Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following engines, by engine family, more fully described in the documentation required by 40 CFR Part 60 and produced in the stated model year.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2021 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT

OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Deere & Company
(U.S. Manufacturer or Importer)
Certificate Number: MJDXL09.0114-006

Effective Date:

07/01/2020

Expiration Date:

12/31/2021

Byron J. Bunker, Division Director
Compliance Division

Issue Date:

07/01/2020

Revision Date:

N/A

Model Year: 2021

Manufacturer Type: Original Engine Manufacturer

Engine Family: MJDXL09.0114

Mobile/Stationary Indicator: Stationary

Emissions Power Category: 225<=kW<450

Fuel Type: Diesel

After Treatment Devices: No After Treatment Devices Installed

Non-after Treatment Devices: Electronic Control, Smoke Puff Limiter, Engine Design
Modification, Non-standard Non-After Treatment Device Installed

Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following engines, by engine family, more fully described in the documentation required by 40 CFR Part 60 and produced in the stated model year.

This certificate of conformity covers only those new compression-ignition engines which conform in all material respects to the design specifications that applied to those engines described in the documentation required by 40 CFR Part 60 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 60.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 1068 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR Part 60. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void *ab initio* for other reasons specified in 40 CFR Part 60.

This certificate does not cover engines sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.

- LABEL VERIFIED AND LOCKED -
by **RG40959** on 10/22/2020

**JOHN DEERE****EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2021 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
 - EM-EXP Engine Not For Use In EU Non-Road
 - Family MJDXL04.5214 •Disp:4.5L•ECS:EM DFI TC
 - Engine Model 4045TF290C,D,E,F,G,H,J
 - EPA Power Category:19 -37 kW, 37 - 56 kW
- CONSTANT SPEED ONLY • LOW OR ULTRA-LOW SULFUR FUEL ONLY**



R572858

Mfg Date: YYYY, MM

For Engine Service and Parts -- www.JohnDeere.com/dealer**EU Contact: John Deere -- BP11013 -- 45401 Fleury les Aubrais Cedex -- France**

- LABEL VERIFIED AND LOCKED -
by **RG40959** on 10/22/2020



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

•This engine complies with US EPA regulations for 2021 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
•EM-EXP Engine Not For Use In EU Non-Road
•Family MJDXL04.5141 •Disp:4.5L•ECS:EM SPL DFI TC CAC
•Engine Model 4045HF280D,E,F,G • 4045HFS80• 4045TF280D,E • 4045TF285E
•EPA Power Category: 56 - 130 kW •LOW OR ULTRA-LOW SULFUR FUEL ONLY
CONSTANT SPEED ONLY



R572886

Mfg Date: YYYY, MM

For Engine Service and Parts -- www.JohnDeere.com/dealer

EU Contact: John Deere -- BP11013 -- 45401 Fleury les Aubrais Cedex -- France

- LABEL VERIFIED AND LOCKED -
by **RG40959** on 10/22/2020



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2021 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- EM-EXP Engine Not For Use In EU Non-Road
- Family MJDXL04.5119 •Disp:4.5L •ECS:EM EC SPL DFI TC CAC
- Engine Model 4045HF285H,I,J •4045HFC28A,B,C,D • 4045HFS82,83
- EPA Power Category: 56 - 130 kW •LOW OR ULTRA-LOW SULFUR FUEL ONLY
CONSTANT SPEED ONLY



R572888

Mfg Date: YYYY, MM

For Engine Service and Parts -- www.JohnDeere.com/dealer

EU Contact: John Deere -- BP11013 -- 45401 Fleury les Aubrais Cedex -- France

- LABEL VERIFIED AND LOCKED -
by **RG40959** on 10/22/2020

**JOHN DEERE****EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2021 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- EM-EXP Engine Not For Use In EU Non-Road
- Family MJDXL04.5119 •Disp:4.5L•ECS:EM EC SPL DFI TC CAC
- Engine Model 4045HF285C,4045HFC28E
- EPA Power Category: 56 - 130 kW •LOW OR ULTRA-LOW SULFUR FUEL ONLY



R572887

Mfg Date: YYYY, MM

For Engine Service and Parts -- www.JohnDeere.com/dealer**EU Contact: John Deere -- BP11013 -- 45401 Fleury les Aubrais Cedex -- France**

- LABEL VERIFIED AND LOCKED -
by **RG40959** on 10/22/2020



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2021 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- EM-EXP Engine Not For Use In EU Non-Road
- Family MJDXL06.8120 •Disp:4.5L•ECS:EM EC SPL DFI TC CAC
- Engine Model 4045HF285K,4045HFC28F
- EPA Power Category: 130 - 560 kW •LOW OR ULTRA-LOW SULFUR FUEL ONLY
CONSTANT SPEED ONLY



R572889

Mfg Date: YYYY, MM

For Engine Service and Parts -- www.JohnDeere.com/dealer

EU Contact: John Deere -- BP11013 -- 45401 Fleury les Aubrais Cedex -- France

- LABEL VERIFIED AND LOCKED -
by **RG40959** on 10/22/2020

**JOHN DEERE****EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2021 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- EM-EXP Engine Not For Use In EU Non-Road
- Family MJDXL06.8120 •Disp:6.8L•ECS:EM EC SPL DFI TC CAC
- Engine Model 6068HF285K,L •6068HFC28A,B,C,D • 6068HFS82,83
- EPA Power Category: 130 - 560 kW •LOW OR ULTRA-LOW SULFUR FUEL ONLY
CONSTANT SPEED ONLY



R572933

Mfg Date: YYYY, MM

For Engine Service and Parts -- www.JohnDeere.com/dealer**EU Contact: John Deere -- BP11013 -- 45401 Fleury les Aubrais Cedex -- France**

- LABEL VERIFIED AND LOCKED -
by **RG40959** on 10/22/2020

**JOHN DEERE****EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2021 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- EM-EXP Engine Not For Use In EU Non-Road
- Family MJDXL06.8120 •Disp:6.8L•ECS:EM EC SPL DFI TC CAC
- Engine Model 6068HFC28E
- EPA Power Category: 130 - 560 kW •LOW OR ULTRA-LOW SULFUR FUEL ONLY



R572926

Mfg Date: YYYY, MM

For Engine Service and Parts -- www.JohnDeere.com/dealer**EU Contact: John Deere -- BP11013 -- 45401 Fleury les Aubrais Cedex -- France**

- LABEL VERIFIED AND LOCKED -
by **RG40959** on 10/23/2020

**JOHN DEERE****EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2021 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- EM-EXP Engine Not For Use In EU Non-Road Mobile Machinery.
- Family MJDXL13.5103 •Disp:6.8L•ECS:EGR EM EC SPL DFI CAC TC
- Engine Model 6068HF485T,U • 6068HFC48A • 6068HFG85A,B • 6068HFS89
- EPA Power Category: 130 - 560 kW •LOW OR ULTRA-LOW SULFUR FUEL ONLY
CONSTANT SPEED ONLY



R572935

Mfg Date: YYYY, MM

For Engine Service and Parts -- www.JohnDeere.com/dealer**EU Contact: John Deere -- BP11013 -- 45401 Fleury les Aubrais Cedex -- France**

- LABEL VERIFIED AND LOCKED -
by **RG40959** on 10/23/2020

**JOHN DEERE****EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2021 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- EM-EXP Engine Not For Use In EU Non-Road Mobile Machinery.
- Family MJDXL13.5103 •Disp:6.8L•ECS:EGR EM EC SPL DFI CAC TC
- Engine Model 6068HF485D,6068HF485Q,6068HFC48B
- EPA Power Category: 130 - 560 kW •LOW OR ULTRA-LOW SULFUR FUEL ONLY



R572934

Mfg Date: YYYY, MM

For Engine Service and Parts -- www.JohnDeere.com/dealer**EU Contact: John Deere -- BP11013 -- 45401 Fleury les Aubrais Cedex -- France**

- LABEL VERIFIED AND LOCKED -
by **RG40959** on 10/23/2020



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2021 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- EM-EXP Engine Not For Use In EU Non-Road
- Family MJDXL09.0114 •Disp:9.0L•ECS:EM EC SPL DFI TC CAC
- Engine Model 6090HF484A,B,C,D • 6090HFC47A,B,C
- EPA Power Category: 130 - 560 kW •LOW OR ULTRA-LOW SULFUR FUEL ONLY
CONSTANT SPEED ONLY



R572912

Mfg Date: YYYY, MM

For Engine Service and Parts -- www.JohnDeere.com/dealer

EU Contact: John Deere -- BP11013 -- 45401 Fleury les Aubrais Cedex -- France

- LABEL VERIFIED AND LOCKED -
by **RG40959** on 10/23/2020

**JOHN DEERE****EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2021 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- EM-EXP Engine Not For Use In EU Non-Road Mobile Machinery.
- Family MJDXL13.5103 •Disp:9.0L•ECS:EGR EM EC SPL DFI TC CAC
- Engine Model 6090HF485I,6090HF485M,6090HFC48
- EPA Power Category: 130 - 560 kW •LOW OR ULTRA-LOW SULFUR FUEL ONLY



R572913

Mfg Date: YYYY, MM

For Engine Service and Parts -- www.JohnDeere.com/dealer**EU Contact: John Deere -- BP11013 -- 45401 Fleury les Aubrais Cedex -- France**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2021 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT

OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Caterpillar Inc.
(U.S. Manufacturer or Importer)
Certificate Number: MCPXL18.1NYS-005

Effective Date:

05/07/2020

Expiration Date:

12/31/2021

Byron J. Bunker, Division Director
Compliance Division

Issue Date:

05/07/2020

Revision Date:

N/A

Model Year: 2021
Manufacturer Type: Original Engine Manufacturer
Engine Family: MCPXL18.1NYS

Mobile/Stationary Indicator: Stationary
Emissions Power Category: 560<kW<=2237
Fuel Type: Diesel
After Treatment Devices: No After Treatment Devices Installed
Non-after Treatment Devices: Electronic Control, Engine Design Modification

Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following engines, by engine family, more fully described in the documentation required by 40 CFR Part 60 and produced in the stated model year.

This certificate of conformity covers only those new compression-ignition engines which conform in all material respects to the design specifications that applied to those engines described in the documentation required by 40 CFR Part 60 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 60.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 1068 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR Part 60. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void *ab initio* for other reasons specified in 40 CFR Part 60.

This certificate does not cover engines sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2021 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT

OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Caterpillar Inc.
(U.S. Manufacturer or Importer)
Certificate Number: MCPXL18.1NZS-006

Effective Date:

05/07/2020

Expiration Date:

12/31/2021

Byron J. Bunker, Division Director
Compliance Division

Issue Date:

05/07/2020

Revision Date:

N/A

Model Year: 2021
Manufacturer Type: Original Engine Manufacturer
Engine Family: MCPXL18.1NZS

Mobile/Stationary Indicator: Stationary
Emissions Power Category: 450<=kW<=560
Fuel Type: Diesel
After Treatment Devices: No After Treatment Devices Installed
Non-after Treatment Devices: Electronic Control, Engine Design Modification

Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following engines, by engine family, more fully described in the documentation required by 40 CFR Part 60 and produced in the stated model year.

This certificate of conformity covers only those new compression-ignition engines which conform in all material respects to the design specifications that applied to those engines described in the documentation required by 40 CFR Part 60 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 60.

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This certificate does not cover engines sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.

The actual engine power may lie outside the limits of the Emissions Power Category shown above. See the certificate application for details.