



Tier 3 Certified Engines for Clarke Fire Protection Products, Inc.

2018 Engine Model Year

Nameplate Rating Information			Certificates available at: www.johndeere.com/engines						
Clarke Model	Power Rating (BHP / kW)	Certified Speed (RPM)	John Deere Engine Rating	Variable Speed (VS) Constant Speed (CS)	EPA Family Name	EPA Certificate Number	EPA Emissions Label	CARB Executive Order Number	Application (PLD, Non-PLD, both)
JU4H-UFAEA0	37 / 27.5	1760	4045TF290H	CS	JJDXL04.5214	JJDXL04.5214-008	R564139	N/A	Non-PLD only
JU4H-UFAEA0	42 / 31	2100	4045TF290G	CS	JJDXL04.5214	JJDXL04.5214-008	R564139	N/A	Non-PLD only
JU4H-UFAEA0	46 / 34	2350	4045TF290F	CS	JJDXL04.5214	JJDXL04.5214-008	R564139	N/A	Non-PLD only
JU4H-UFAE8	64 / 48	1760	4045TF290E	CS	JJDXL04.5214	JJDXL04.5214-008	R564139	N/A	Non-PLD only
JU4H-UFAEF2	74 / 55	2350	4045TF290C	CS	JJDXL04.5214	JJDXL04.5214-008	R564139	N/A	Non-PLD only
JU4H-UFAEF2	74 / 55	2100	4045TF290D	CS	JJDXL04.5214	JJDXL04.5214-008	R564139	N/A	Non-PLD only
JU4H-UFADJ2	99 / 74	2350	4045HF280E	CS	JJDXL04.5141	JJDXL04.5141-007	R564150	N/A	Non-PLD only
JU4H-UFADJ2	99 / 74	2100	4045HF280F	CS	JJDXL04.5141	JJDXL04.5141-007	R564150	N/A	Non-PLD only
JU4H-UFADJ8	86 / 64	1760	4045HF280G	CS	JJDXL04.5141	JJDXL04.5141-007	R564150	N/A	Non-PLD only
JU4H-UFAD58	110 / 82	1760	4045HFC28A	CS	JJDXL04.5119	JJDXL04.5119-005	R564153	N/A	Non-PLD only
JU4H-UFADR0	113 / 84	1760	4045HFC28A	CS	JJDXL04.5119	JJDXL04.5119-005	R564153	N/A	Non-PLD only
JU4H-UFADP0	121 / 90	1760	4045HFC28A	CS	JJDXL04.5119	JJDXL04.5119-005	R564153	N/A	Non-PLD only
JU4H-UFADW8	144 / 107	1760	4045HFC28A	CS	JJDXL04.5119	JJDXL04.5119-005	R564153	N/A	Non-PLD only
JU4H-UFADY8	157 / 117	1760	4045HFC28A	CS	JJDXL04.5119	JJDXL04.5119-005	R564153	N/A	Non-PLD only
JU4H-UFADY0	136 / 101	2100	4045HFC28D	CS	JJDXL04.5119	JJDXL04.5119-005	R564153	N/A	Non-PLD only
JU4H-UFADP0	125 / 93	2100	4045HFC28D	CS	JJDXL04.5119	JJDXL04.5119-005	R564153	N/A	Non-PLD only
JU4H-UFADR0	140 / 104	2350	4045HFC28C	CS	JJDXL04.5119	JJDXL04.5119-005	R564153	N/A	Non-PLD only
JU4H-UFADP0	130 / 97	2350	4045HFC28C	CS	JJDXL04.5119	JJDXL04.5119-005	R564153	N/A	Non-PLD only
JU4H-UFADP0	130 / 97	2400	4045HFC28B	CS	JJDXL04.5119	JJDXL04.5119-005	R564153	N/A	Non-PLD only
JU4H-UFADR0	140 / 104	2400	4045HFC28B	CS	JJDXL04.5119	JJDXL04.5119-005	R564153	N/A	Non-PLD only
JU4H-UFADJG	120 / 89	2100	4045HFC28E	VS	JJDXL04.5119	JJDXL04.5119-005	R564152	N/A	PLD only
JU4H-UFADJG	123 / 92	2400 / 2350	4045HFC28E	VS	JJDXL04.5119	JJDXL04.5119-005	R564152	N/A	PLD only
JU4H-UFAD98	175 / 131	1760	4045HFC28F	CS	JJDXL06.8120	JJDXL06.8120-006	R564157	N/A	Non-PLD only
JU4R-UFAEF1	71 / 53	2100	4045TF290D	CS	JJDXL04.5214	JJDXL04.5214-008	R564139	N/A	Non-PLD only
JU4R-UFAEF1	70 / 52	2350	4045TF290C	CS	JJDXL04.5214	JJDXL04.5214-008	R564139	N/A	Non-PLD only
JU4R-UFAE7	62 / 46	1760	4045TF290E	CS	JJDXL04.5214	JJDXL04.5214-008	R564139	N/A	Non-PLD only
JU4R-UFAEA9	35 / 26	1760	4045TF290H	CS	JJDXL04.5214	JJDXL04.5214-008	R564139	N/A	Non-PLD only
JU4R-UFAEA9	39 / 29	2100	4045TF290G	CS	JJDXL04.5214	JJDXL04.5214-008	R564139	N/A	Non-PLD only
JU4R-UFAEA9	42 / 31	2350	4045TF290F	CS	JJDXL04.5214	JJDXL04.5214-008	R564139	N/A	Non-PLD only
JU6H-UFADNG	190 / 142	1760	6068HFC28A	CS	JJDXL06.8120	JJDXL06.8120-006	R564161	N/A	Non-PLD only
JU6H-UFAD88	237 / 177	1760	6068HFC28A	CS	JJDXL06.8120	JJDXL06.8120-006	R564161	N/A	Non-PLD only
JU6H-UFADN0	197 / 147	1760	6068HFC28A	CS	JJDXL06.8120	JJDXL06.8120-006	R564161	N/A	Non-PLD only
JU6H-UFADP8	220 / 164	1760	6068HFC28A	CS	JJDXL06.8120	JJDXL06.8120-006	R564161	N/A	Non-PLD only
JU6H-UFADNG	181 / 135	2100	6068HFC28D	CS	JJDXL06.8120	JJDXL06.8120-006	R564161	N/A	Non-PLD only
JU6H-UFADMG	175 / 131	2100	6068HFC28D	CS	JJDXL06.8120	JJDXL06.8120-006	R564161	N/A	Non-PLD only
JU6H-UFADN0	197 / 147	2100	6068HFC28D	CS	JJDXL06.8120	JJDXL06.8120-006	R564161	N/A	Non-PLD only
JU6H-UFADK0	173 / 129	2100	6068HFC28E	VS	JJDXL06.8120	JJDXL06.8120-006	R564143	N/A	PLD only
JU6H-UFADMG	175 / 131	2350	6068HFC28C	CS	JJDXL06.8120	JJDXL06.8120-006	R564161	N/A	Non-PLD only
JU6H-UFADNG	183 / 137	2350	6068HFC28C	CS	JJDXL06.8120	JJDXL06.8120-006	R564161	N/A	Non-PLD only
JU6H-UFADN0	200 / 149	2350	6068HFC28C	CS	JJDXL06.8120	JJDXL06.8120-006	R564161	N/A	Non-PLD only
JU6H-UFADNG	183 / 137	2400	6068HFC28B	CS	JJDXL06.8120	JJDXL06.8120-006	R564161	N/A	Non-PLD only
JU6H-UFADN0	200 / 149	2400	6068HFC28B	CS	JJDXL06.8120	JJDXL06.8120-006	R564161	N/A	Non-PLD only
JU6H-UFADK0	175 / 131	2400 / 2350	6068HFC28E	VS	JJDXL06.8120	JJDXL06.8120-006	R564143	N/A	PLD only
JU6H-UFADR8	250 / 187	1760	6068HFC48A	CS	JJDXL13.5103	JJDXL13.5103-010	R564168	N/A	Non-PLD only
JU6H-UFAD58	260 / 194	1760	6068HFC48A	CS	JJDXL13.5103	JJDXL13.5103-010	R564168	N/A	Non-PLD only
JU6H-UFADW8	282 / 211	1760	6068HFC48A	CS	JJDXL13.5103	JJDXL13.5103-010	R564168	N/A	Non-PLD only
JU6H-UFADX8	305 / 227.5	1760	6068HFC48A	CS	JJDXL13.5103	JJDXL13.5103-010	R564168	N/A	Non-PLD only
JU6H-UFAD98	315 / 235	1760	6068HFC48A	CS	JJDXL13.5103	JJDXL13.5103-010	R564168	N/A	Non-PLD only
JU6H-UFADP0	211 / 157	2400 / 2350	6068HFC48B	VS	JJDXL13.5103	JJDXL13.5103-010	R564162	N/A	Both (PLD or Non-PLD)
JU6H-UFADP0	209 / 156	2100	6068HFC48B	VS	JJDXL13.5103	JJDXL13.5103-010	R564162	N/A	Both (PLD or Non-PLD)
JU6H-UFADQ0	226 / 169	2400 / 2350	6068HFC48B	VS	JJDXL13.5103	JJDXL13.5103-010	R564162	N/A	Both (PLD or Non-PLD)
JU6H-UFADQ0	224 / 167	2100	6068HFC48B	VS	JJDXL13.5103	JJDXL13.5103-010	R564162	N/A	Both (PLD or Non-PLD)
JU6H-UFADR0	240 / 179	2400 / 2350	6068HFC48B	VS	JJDXL13.5103	JJDXL13.5103-010	R564162	N/A	Both (PLD or Non-PLD)
JU6H-UFADR0	238 / 177.5	2100	6068HFC48B	VS	JJDXL13.5103	JJDXL13.5103-010	R564162	N/A	Both (PLD or Non-PLD)
JU6H-UFADT0	275 / 205	2400 / 2350	6068HFC48B	VS	JJDXL13.5103	JJDXL13.5103-010	R564162	N/A	Both (PLD or Non-PLD)
JU6H-UFADT0	274 / 204	2100	6068HFC48B	VS	JJDXL13.5103	JJDXL13.5103-010	R564162	N/A	Both (PLD or Non-PLD)
JW6H-UFADF0	327 / 244	1760	6090HFC47A	CS	JJDXL09.0114	JJDXL09.0114-009	R564176	N/A	Non-PLD only
JW6H-UFADJ0	350 / 261	1760	6090HFC47A	CS	JJDXL09.0114	JJDXL09.0114-009	R564176	N/A	Non-PLD only
JW6H-UFAD70	376 / 280	1760	6090HFC47A	CS	JJDXL09.0114	JJDXL09.0114-009	R564176	N/A	Non-PLD only
JW6H-UFAD80	422 / 315	1760	6090HFC47A	CS	JJDXL09.0114	JJDXL09.0114-009	R564176	N/A	Non-PLD only
JW6H-UFADF0	311 / 232	2100	6090HFC47B	CS	JJDXL09.0114	JJDXL09.0114-009	R564176	N/A	Non-PLD only
JW6H-UFADJ0	332 / 247.5	2100	6090HFC47B	CS	JJDXL09.0114	JJDXL09.0114-009	R564176	N/A	Non-PLD only
JW6H-UFAD70	399 / 297.5	2100	6090HFC47B	CS	JJDXL09.0114	JJDXL09.0114-009	R564176	N/A	Non-PLD only
JW6H-UFAD80	400 / 298	1900 / 2100	6090HFC47B	CS	JJDXL09.0114	JJDXL09.0114-009	R564176	N/A	Non-PLD only
JW6H-UFADD0	351 / 262	2100	6090HFC48	VS	JJDXL13.5103	JJDXL13.5103-010	R564177	N/A	PLD only
JX6H-UFADK0	526 / 392	2100	6135HFC48A	VS	JJDXL13.5103	JJDXL13.5103-010	R564180	N/A	PLD only
JX6H-UFADF0	460 / 343	1760	6135HFC48B	CS	JJDXL13.5103	JJDXL13.5103-010	R564179	N/A	Non-PLD only
JX6H-UFAD60	510 / 380	1760	6135HFC48B	CS	JJDXL13.5103	JJDXL13.5103-010	R564179	N/A	Non-PLD only
JX6H-UFADN0	542 / 404	1760	6135HFC48B	CS	JJDXL13.5103	JJDXL13.5103-010	R564179	N/A	Non-PLD only
JX6H-UFADP0	575 / 429	1760	6135HFC48B	CS	JJDXL13.5103	JJDXL13.5103-010	R564179	N/A	Non-PLD only
JX6H-UFAD88	617 / 460	1760	6135HFC48B	CS	JJDXL13.5103	JJDXL13.5103-010	R564179	N/A	Non-PLD only
JX6H-UFADF0	488 / 364	2100	6135HFC48C	CS	JJDXL13.5103	JJDXL13.5103-010	R564179	N/A	Non-PLD only
JX6H-UFAD60	525 / 392	2100	6135HFC48C	CS	JJDXL13.5103	JJDXL13.5103-010	R564179	N/A	Non-PLD only
JX6H-UFADN0	575 / 429	2100	6135HFC48C	CS	JJDXL13.5103	JJDXL13.5103-010	R564179	N/A	Non-PLD only
JX6H-UFADP0	600 / 447	2100	6135HFC48C	CS	JJDXL13.5103	JJDXL13.5103-010	R564179	N/A	Non-PLD only

- LABEL VERIFIED AND LOCKED -
by RG40987 on 09/25/2017



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2018 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
 - Family JJDXL04.5214 •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



R564139

Mfg Date: YYYY, MM

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

- LABEL VERIFIED AND LOCKED -
by RG40987 on 09/25/2017



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2018 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- Family JJDXL06.8120 •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



R564143

Mfg Date: YYYY, MM

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

- LABEL VERIFIED AND LOCKED -
by RG40987 on 09/28/2017



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2018 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- Family JJDXL04.5141 •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



R564150

Mfg Date: YYYY, MM

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

- LABEL VERIFIED AND LOCKED -
by RG40987 on 09/25/2017



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2018 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- Family JJDXL04.5119 •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



R564152

Mfg Date: YYYY, MM

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

- LABEL VERIFIED AND LOCKED -
by RG40987 on 09/25/2017



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2018 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- Family JJDXL04.5119 •Displ. 4.5L •E.C.S. 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



R564153

Mfg Date: YYYY, MM

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

- LABEL VERIFIED AND LOCKED -
by **RG40987** on 09/26/2017



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

•This engine complies with US EPA regulations for 2018 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
•Family JJDXL06.8120 •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



R564157

Mfg Date: YYYY, MM

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

- LABEL VERIFIED AND LOCKED -
by RG40987 on 09/28/2017



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2018 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- Family JJDXL06.8120 •Displ. 6.8L •E.C.S. 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



R564161

Mfg Date: YYYY, MM

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

- LABEL VERIFIED AND LOCKED -
by **RG40987** on 09/26/2017



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2018 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- Family JJDXL13.5103 •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



R564162

Mfg Date: YYYY, MM

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

- LABEL VERIFIED AND LOCKED -
by **RG40987** on 09/26/2017



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

•This engine complies with US EPA regulations for 2018 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
•Family JJDXL13.5103 •Displ. 6.8L •E.C.S. 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



R564168

Mfg Date: YYYY, MM

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

- LABEL VERIFIED AND LOCKED -
by RG40987 on 09/26/2017



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

•This engine complies with US EPA regulations for 2018 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
•Family JJDXL09.0114 •Displ. 9.0L •E.C.S. 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



R564176

Mfg Date: YYYY, MM

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

- LABEL VERIFIED AND LOCKED -
by RG40987 on 09/26/2017



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2018 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- Family JJDXL13.5103 •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



R564177

Mfg Date: YYYY, MM

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

- LABEL VERIFIED AND LOCKED -
by RG40987 on 09/26/2017



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

•This engine complies with US EPA regulations for 2018 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
•Family JJDXL13.5103 •Disp:13.5L •ECS:EGR EM EC SPL DFI CAC TC
•Engine Model 6135HF485S,6135HF485T,6135HF485U,6135HFC48B,6135HFC48C
•EPA Power Category: 130 - 560 kW •LOW OR ULTRA-LOW SULFUR FUEL ONLY
CONSTANT SPEED ONLY



R564179

Mfg Date: YYYY, MM

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

- LABEL VERIFIED AND LOCKED -
by **RG40987** on 09/26/2017



JOHN DEERE

**EMISSION CONTROL INFORMATION
DEERE & COMPANY**

- This engine complies with US EPA regulations for 2018 stationary emergency diesel engines including fire pumps. •Fuel: Diesel
- Family JJDXL13.5103 •Disp:13.5L •ECS:EGR EM EC SPL DFI CAC TC
- Engine Model 6135HF485F,6135HF485I,6135HFC48A
- EPA Power Category: 130 - 560 kW •LOW OR ULTRA-LOW SULFUR FUEL ONLY



R564180

Mfg Date: YYYY, MM

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

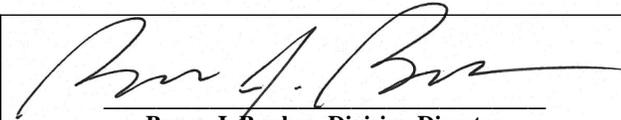


**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2018 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT**

**OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105**

Certificate Issued To: Deere & Company
(U.S. Manufacturer or Importer)
Certificate Number: JJDXL04.5214-008

Effective Date:
07/06/2017
Expiration Date:
12/31/2018


Byron J. Bunker, Division Director
Compliance Division

Issue Date:
07/06/2017
Revision Date:
N/A

Model Year: 2018
Manufacturer Type: Original Engine Manufacturer
Engine Family: JJDXL04.5214

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

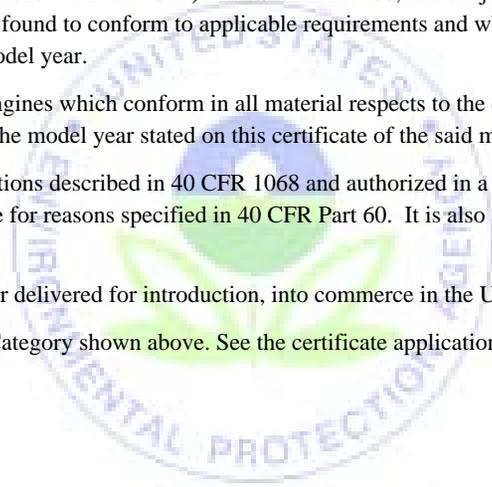
Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform 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.



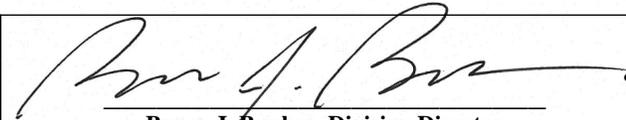


**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2018 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT**

**OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105**

Certificate Issued To: Deere & Company
(U.S. Manufacturer or Importer)
Certificate Number: JJDXL04.5141-007

Effective Date:
07/06/2017
Expiration Date:
12/31/2018



Byron J. Bunker, Division Director
Compliance Division

Issue Date:
07/06/2017
Revision Date:
N/A

Model Year: 2018
Manufacturer Type: Original Engine Manufacturer
Engine Family: JJDXL04.5141

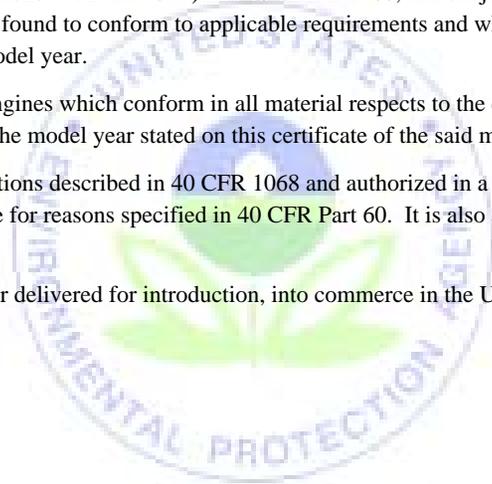
Mobile/Stationary Indicator: Stationary
Emissions Power Category: 56<=kW<75
Fuel Type: Diesel
After Treatment Devices: No After Treatment Devices Installed
Non-after Treatment Devices: Smoke Puff Limiter, Engine Design Modification, Non-standard Non-After Treatment Device Installed

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.

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.





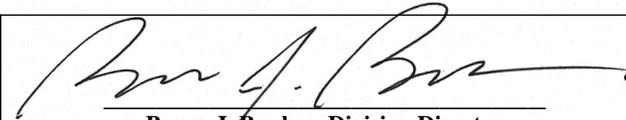
**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2018 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT**

**OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105**

Certificate Issued To: Deere & Company
(U.S. Manufacturer or Importer)
Certificate Number: JJDXL04.5119-005

Effective Date:
07/06/2017

Expiration Date:
12/31/2018


Byron J. Bunker, Division Director
Compliance Division

Issue Date:
07/06/2017

Revision Date:
N/A

Model Year: 2018
Manufacturer Type: Original Engine Manufacturer
Engine Family: JJDXL04.5119

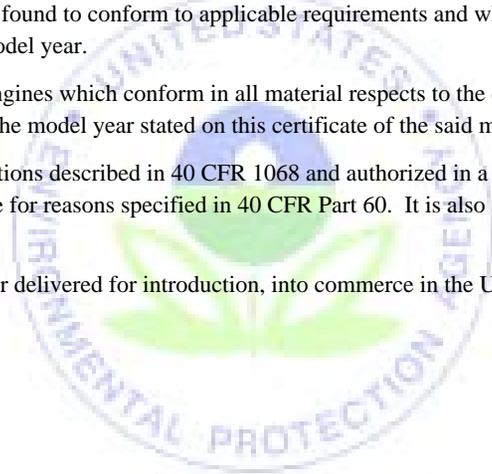
Mobile/Stationary Indicator: Stationary
Emissions Power Category: 75<=kW<130
Fuel Type: Diesel
After Treatment Devices: No After Treatment Devices Installed
Non-after Treatment Devices: Electronic Control, Smoke Puff Limiter, Non-standard Non-After Treatment Device Installed, Engine Design Modification

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.

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.



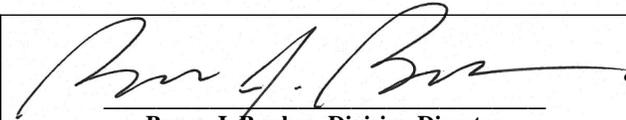


**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2018 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT**

**OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105**

Certificate Issued To: Deere & Company
(U.S. Manufacturer or Importer)
Certificate Number: JJDXL06.8120-006

Effective Date:
07/06/2017
Expiration Date:
12/31/2018



Byron J. Bunker, Division Director
Compliance Division

Issue Date:
07/06/2017
Revision Date:
N/A

Model Year: 2018
Manufacturer Type: Original Engine Manufacturer
Engine Family: JJDXL06.8120

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

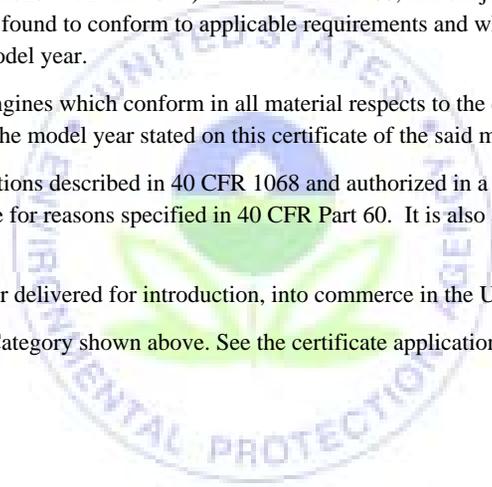
Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform 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.

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.



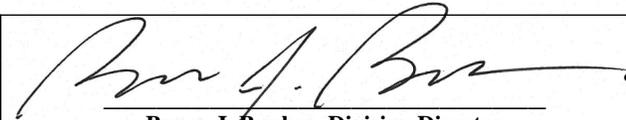


**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2018 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT**

**OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105**

Certificate Issued To: Deere & Company
(U.S. Manufacturer or Importer)
Certificate Number: JJDXL13.5103-010

Effective Date:
07/17/2017
Expiration Date:
12/31/2018



Byron J. Bunker, Division Director
Compliance Division

Issue Date:
07/17/2017
Revision Date:
N/A

Model Year: 2018
Manufacturer Type: Original Engine Manufacturer
Engine Family: JJDXL13.5103

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

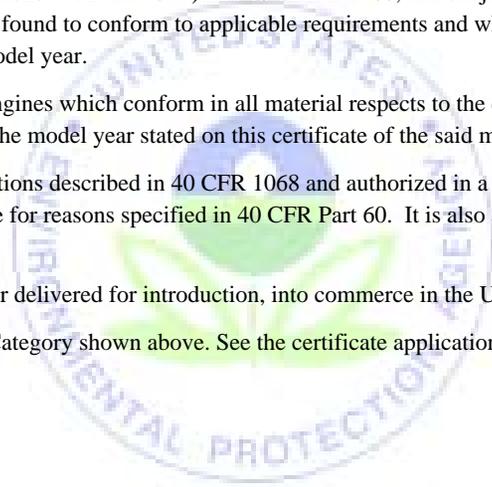
Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform 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.

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.



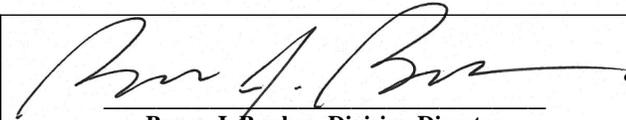


**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2018 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT**

**OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105**

Certificate Issued To: Deere & Company
(U.S. Manufacturer or Importer)
Certificate Number: JJDXL09.0114-009

Effective Date:
07/17/2017
Expiration Date:
12/31/2018



Byron J. Bunker, Division Director
Compliance Division

Issue Date:
07/17/2017
Revision Date:
N/A

Model Year: 2018
Manufacturer Type: Original Engine Manufacturer
Engine Family: JJDXL09.0114

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.

