California Environmental Protection Agency

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-02-003;

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 YEARENGINE FAMILYDISPLACEMENT (liters)20099JDXL03.02062.4			FUEL TYPE	USEFUL LIFE (hours)		
			Diesel	8000		
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION			
Direct Dies	el Injection, Turbocharge	er, Smoke Puff Limiter	Pump, Compressor, Generator Set, Other Industrial Equipment			

The engine models and codes are attached.

The following are the exhaust certification standards (STD), or family emission limit(s) (FEL) as applicable, and certification levels (CERT) for hydrocarbon (HC), 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		EXHAUST (g/kw-hr)					OPACITY (%)		
POWER CLASS	STANDARD CATEGORY		нс	NOx	NMHC+NOx	со	PM	ACCEL	LUG	PEAK
37 <u>≤</u> kW < 56	Tier 4 interim	STD	N/A	N/A	4.7	5.0	0.30	20	15	50
		FEL			7.5					
	-	CERT			7.3	1.4	0.26	3	2	4

BE IT FURTHER RESOLVED: That the family emission limit(s) (FEL) is an emission level declared by the manufacturer for use in any averaging, banking and trading program and in lieu of an emission standard for certification. It serves as the applicable emission standard for determining compliance of any engine within this engine family under 13 CCR Sections 2423 and 2427.

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 at El Monte, California on this

day of December 2008.

Annette Hebert, Chief Mobile Source Operations Division

Manufacturer: John Deere Power Systems Engine category: Nonroad CI Engine Category: Nonroad CI Family Name: 250TD .ess Code: New Submission A Fool Rate: 5 Fuil Rate: 7 Fuil Rate: 7 Fuil Rate: 7 Fuil Rate: 8 Fuil Rate: 8 Fuil Rate: 7 Fuil Rate: 8 Fuil Rate: 8 Fuil Rate: 7 Fuil Rate: 8 Fuil Rate: 8 Fuil Rate: 7 Fuil Rate: 8 Fuil Rate: 8 Fuil Rate: 7 Fuil Rate: 8 Fuil Rate: 8 Fuil Rate: 7 Fuil Rate: 8 Fuil Rate: 8 Fuil Rate: 7 Fuil Rate: 8 Fuil Rate: 8 Fuil Rate: 7 Fuil Rate: 8 Fuil Rate: 8 Fuil Rate: 7 Fuil Rate: 8 Fuil Rate: 8 Fuil Rate: 7 Fuil Rate: 8 Fuil			En	gine Model Su	ummary Forr	n		U-D-1	04-0-	350
EPA Engine Family 9JDXL03.0206 Family Name: 250TD Jess Code: New Submission 1.Engine Code 2.Engine Model 3.BHP@RPM (SAE Gross) 4.Fuel Rate: 5.Fuel Rate: 7.Fuel Rate: 8.Fuel Rate: 9.Emission Control 4024TPRNT1 4024T U/b kw 61.89@2400 44.90@2400 24.26@2400 174.78@1440 56.5@1440 18.30@1440 EM SPL DFI Tell 4024TF270G 4024T (w kw 56.33@2400 39.80@2400 21.50@2400 160.77@1440 50.9@1440 16.50@1440 EM SPL DFI 4024TF270I 4024T (w kw 56.33@2400 39.80@2400 21.50@2400 160.77@1440 50.9@1440 EM SPL DFI	Manufacturer:	John Deere Powe	r Systems	-	-					
Family Name: 250TD ATTACHINIENT P. 1 of 2 .ess Code: New Submission 4.Fuel Rate: 5.Fuel Rate: 5.Fuel Rate: 7.Fuel Rate: 8.Fuel Rate: 9.Emission Control 1.Engine Code 2.Engine Model 3.BHP@RPM Ministrike@peak HP (lbs/hr)@peak HP 5.Fuel Rate: 0.True @ RPM 7.Fuel Rate: 9.Emission Control 4024TPRNT1 4024T [kb kw 61.69@2400 24.26@2400 174.78@1440 56.5@1440 18.30@1440 EM SPL DFI 16. 4024TF270G 4024T 61.02@2800 21.50@2400 25.80@2800 154.13@1680 49.6@1680 18.74@1680 EM SPL DFI 4024TF270I 4024T [ky kw 56.33@2400 39.80@2400 21.50@2400 160.77@1440 50.9@1440 16.50@1440 EM SPL DFI	Engine category:	Nonroad Cl								
Jess Code: New Submission 1. Engine Code 2. Engine Model 3.BHP@RPM (SAE Goss) mm/stroke @ peak HP (tor diesel only) 6. Torque @ RPM (tor diesels only) 7. Fuel Rate: mm/stroke@peak 8. Fuel Rate: mm/stroke@peak 9. Emission Control torque 4024TPRNT1 4024T [U/b [L/w] 61.69@2400 44.90@2400 24.26@2400 174.76@11440 56.5@1440 18.30@1440 EM SPL DFI 6. 4024TF270G 4024T [L/b [L/w] 61.69@2400 41.00@2800 25.80@2800 154.13@1680 48.6@1680 18.74@1680 EM SPL DFI 6. 4024TF270I 4024T [L/b [L/w] 56.33@2400 39.80@2400 21.50@2400 160.77@1440 50.9@1440 16.50@1440 EM SPL DFI	EPA Engine Family.	9JDXL03.0206		N+t.	landaut		5	<u>^</u>		
4.Fuel Rate: 5.Fuel Rate: 7.Fuel Rate: 7.Fuel Rate: 8.Fuel Rate: 9.Emission Control 1.Engine Code 2.Engine Model 3.BHP@RPM (SAE Gross) 100 desel only) (for diesel only) 6.Torque @ RPM (for diesel only) 7.Fuel Rate: 9.Emission Control 402417E270G 40241 14.90@2400 24.26@2400 174.78@1440 56.5@1440 18.30@1440 EM SPL DFI 1. 40241F270G 40241 10.0@2800 25.80@2800 154.13@1680 49.6@1680 18.74@1680 EM SPL DFI 1. 4024TF270I 4024T Liv V V 56.33@2400 39.80@2400 21.50@2400 160.77@1440 50.9@1440 16.50@1440 EM SPL DFI	Family Name:	250TD		ALLA	Chillen	P	1 of	2		
3.BHP@RPM mm/stroke@peak HP 6.Torque @ RPM mm/stroke@peak LP 8.Fuel Rate: 9.Emission Control 4024TPRNT1 4024T (t/b kwi 61.69@2400 44.90@2400 24.26@2400 174.78@1440 56.5@1440 18.30@1440 EM SPL DFI 16. 4024TF270G 4024T 61.02@2800 41.00@2800 25.80@2800 154.13@1680 49.6@1680 18.74@1680 EM SPL DFI 16. 4024TF270I 4024T (t/c v kwi 56.33@2400 39.80@2400 21.50@2400 160.77@1440 50.9@1440 EM SPL DFI 16.50@1440 EM SPL DFI	Jess Code:	New Submission								
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4024TF270I 4024T ほン ビン56.33@2400 39.80@2400 21.50@2400 160.77@1440 50.9@1440 16.50@1440 EM SPL DFI	4024TPRNT1	4024T Ub Ku	the same state of the same sta	44.90@2400	24.26@2400	174.78@1440	56.5@1440	18.30@1440	EM SPL DFI	TE
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	4024TF270I	4024T 4×4	₩56.33@2400	39.80@2400	21.50@2400	160.77@1440	50.9@1440	16.50@1440	EM SPL DFI	-
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Engine Model Summary Form

Manufacturer:	John Deere Power Sys
Engine category:	Nonroad Cl
EPA Engine Family:	9JDXL03.0206
Mfr Family Name:	250TD
Process Code:	Running Change

_	Attachment

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1.Engine Code	2 Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	(lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	nm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak.torque	9.Emission Control Device Per SAE J1930)
4024TT001	4024T	61.02@2800	41.00@2800	25.80@2800	154.13@1680	49.6@1680	18.74@1680	EM SPL DFI	T
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