



OECD approval number

2/2 237

OECD approval date

Restricted Code

21/04/2005

Make

John Deere

Model

6215

Type

4 WD

NA - Power Reverser - 30 km/h

Manufacturer

Deere & Company

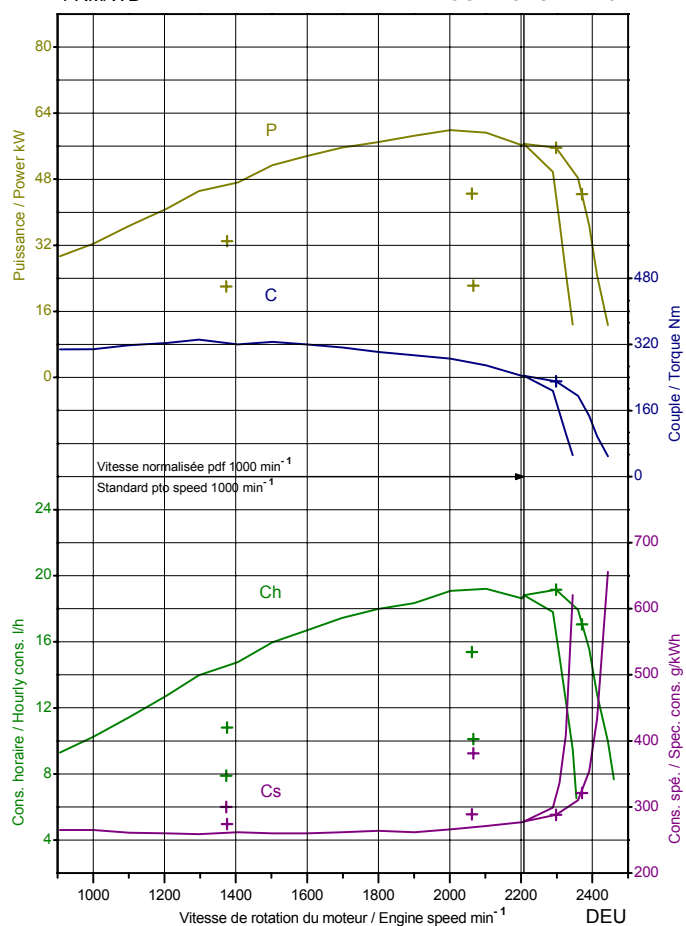
Testing station:

DLG, Gross-Umstadt, Germany

John Deere 6215

4 RM/WD

OCDE/OECD 2/237



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	4045TL272 (DD20849)
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4525 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>		16 16
<i>Speed at rated engine speed</i>		from 1.84 to 28.73 km/h
<u>Standard Power take-off speed</u>		<u>540 min⁻¹</u> <u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>		580 min ⁻¹ 1042 min ⁻¹
<i>Diameter of the shaft</i>		35 mm 35 mm
<i>Number of splines</i>		6 21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	59.9 kW	2002 min ⁻¹	907 min ⁻¹
<i>Hourly and specific consumption</i>		19.09 l/h	266 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	55.6 kW	2298 min ⁻¹	1041 min ⁻¹
<i>Hourly and specific consumption</i>		19.15 l/h	288 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	56.6 kW	2208 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		18.82 l/h	278 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		332.0 Nm	43.7 % 1296 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>		<u>unballasted</u>	<u>ballasted</u>
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Total Mass

		4240 kg	
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Maximum drawbar pull

		42.2 kN	Not
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at speed of

		3.92 km/h	required
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Maximum power

		50.9 kW	in
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at speed of

		10.55 km/h	Code 2
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Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	58.5 l/min	17.8 MPa	17.4 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		21.0 kN	18.7 kN
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