



OECD approval number
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Make
Model
Type

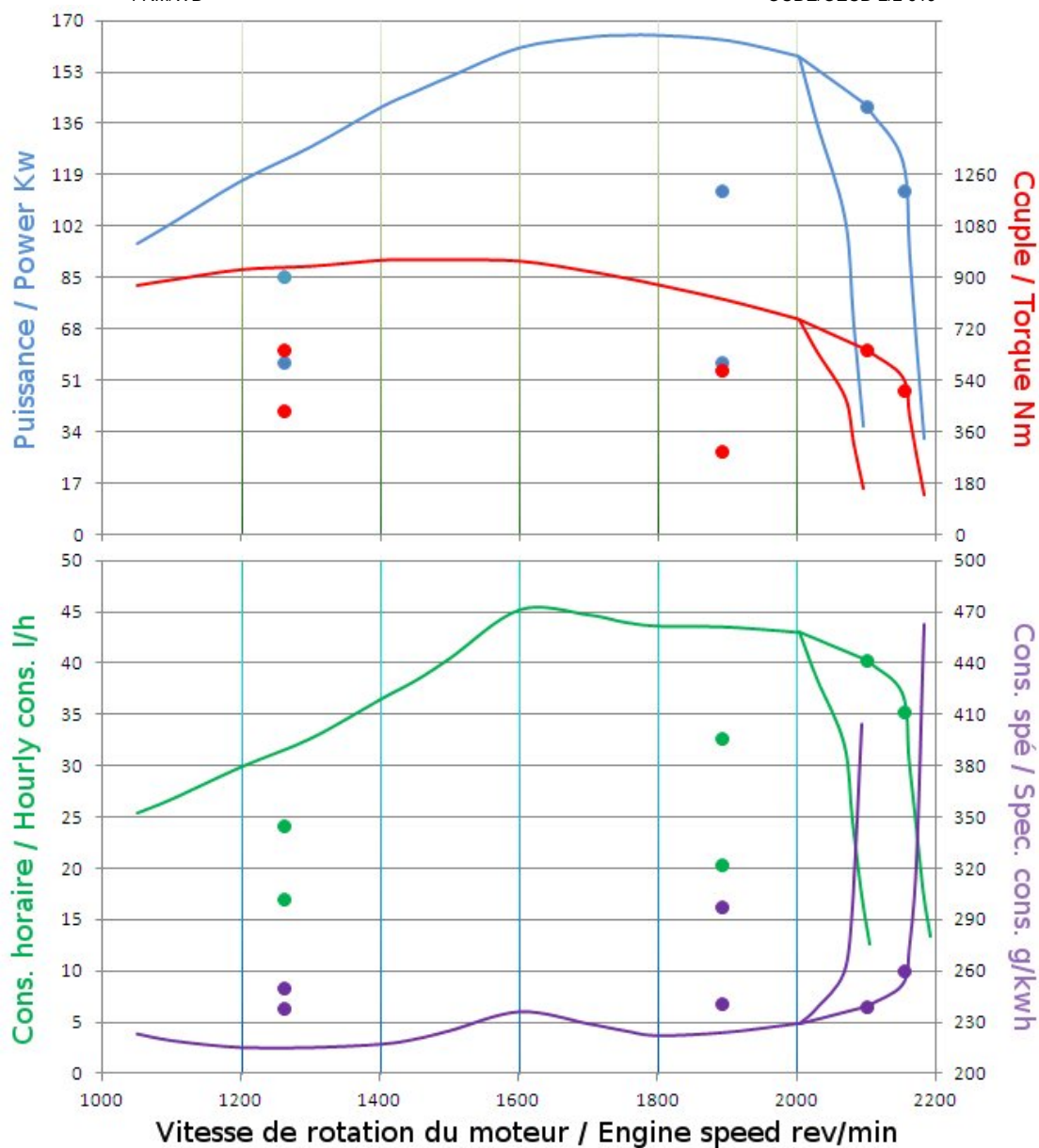
2/2 619
3/08/2011
John Deere
8225R
4 WD

Manufacturer:
Testing station:

Full powershift - 42 km/h
John Deere Tractor Works
Nebraska Tractor Test Laboratory
Lincoln, Nebraska U.S.A.

John Deere 8225R
4 RM/WD

OCDE/OECD 2/2 619



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6090HRW64
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	8984 cm ³	Liquid
<i>Gear box</i>		Full powershift
<i>Number of forward and reverse speeds</i>	16	4
<i>Speed at rated engine speed</i>	from 1,81	to 37,67 km/h
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>		1048 min ⁻¹
<i>Diameter of the shaft</i>	Not	45 mm
<i>Number of splines</i>	Applicable	20

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	164.89 kW	1800 min ⁻¹	898 min ⁻¹
<i>Hourly and specific consumption</i>		43,59 l/h	222 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	141.89 kW	2100 min ⁻¹	1048 min ⁻¹
<i>Hourly and specific consumption</i>		40,27 l/h	239 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	157.66 kW	2004 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		42,96 l/h	229 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	963 Nm		1451 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	16.9R30	480/80R46
<i>Test with tractor</i>	unballasted	ballasted
<i>Total Mass</i>	9868 kg	12090 kg
<i>Maximum drawbar pull</i>	87,41 kN	111,91 kN
<i>at speed of</i>	4,54 km/h	3,17 km/h
<i>Maximum power</i>	147,24 kW	147,96 kW
<i>at speed of</i>	8,46 km/h	6,41 Km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<i>At maximum hydraulic power</i>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	153,0 l/min	14,61 MPa	37,3 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	174,1 l/min	18,55 MPa	53,8 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		75,9 kN	69,8 kN