



OECD approval number  
OECD approval date  
Make  
Model  
Type

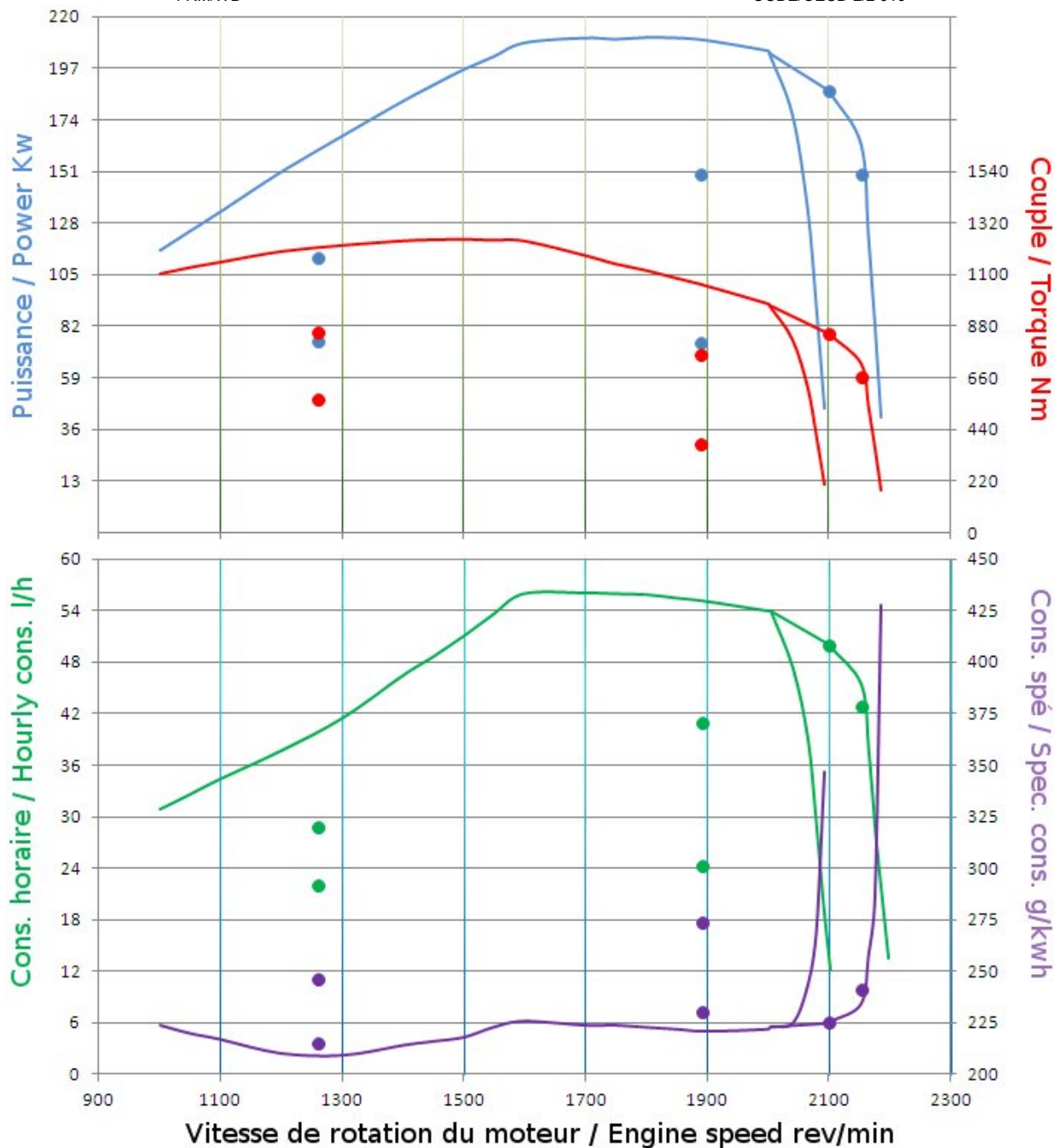
2/2 616  
3/08/2011  
John Deere  
8295R  
4 WD

Manufacturer:  
Testing station:

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

John Deere 8295R  
4 RM/WD

OCDE/OECD 2/2 616



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	John Deere	6090HRW52
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	8984 cm <sup>3</sup>	Liquid
<i>Gear box</i>		Mechanical
<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 <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Power take-off speed at rated engine speed</i>		1048 min <sup>-1</sup>
<i>Diameter of the shaft</i>	Not	45 mm
<i>Number of splines</i>	Applicable	20

**Power take-off Test**One hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	209.89 kW	1749 min <sup>-1</sup>	873 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		55,91 l/h	224 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	186.95 kW	2100 min <sup>-1</sup>	1048 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		49,96 l/h	225 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	203.41 kW	2004 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		53,91 l/h	223 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	1250 Nm		1501 min <sup>-1</sup>
---	---------	--	------------------------

**Drawbar Test**

<i>Front tyres, Rear tyres</i>	480/70R30	480/80R46
<i>Test with tractor</i>	unballasted	ballasted
<i>Total Mass</i>	11603 kg	15254 kg
<i>Maximum drawbar pull</i>	109,53 kN	138,33 kN
<i>at speed of</i>	4,54 km/h	3,01 km/h
<i>Maximum power</i>	188,99 kW	190,19 kW
<i>at speed of</i>	9,7 km/h	8,3 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>	149,0 l/min	15,13 MPa	37,6 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	238,9 l/min	17,24 MPa	68,7 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		93,7 kN	81,5 kN