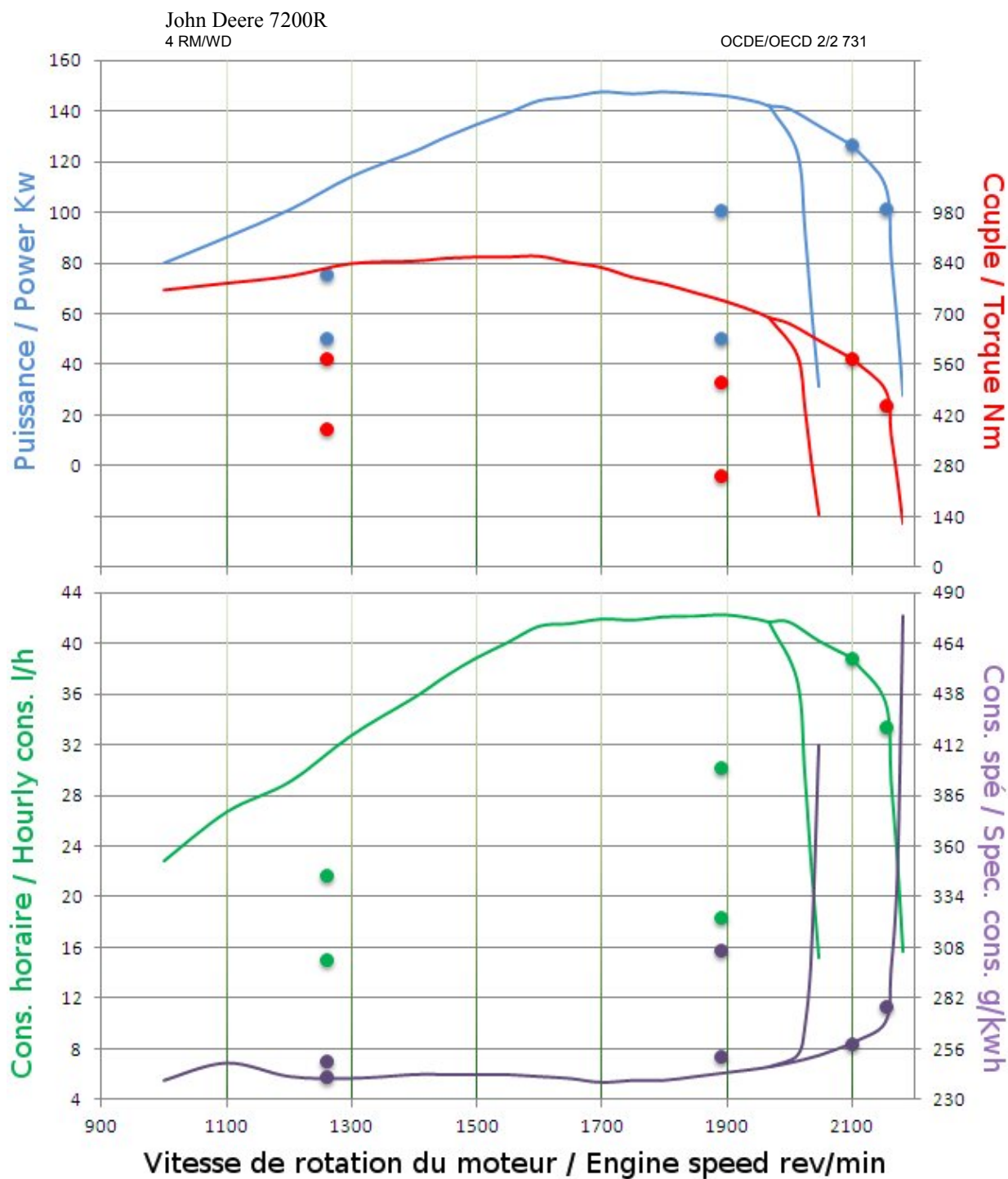




OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 731
17/12/2012
John Deere
7200R
4WD
AutoQuad Plus - 40 km/h
John Deere Tractor Works
Nebraska Tractor Test Laboratory
Lincoln, Nebraska U.S.A.



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6068RW401
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6788 cm ³	Liquid
<i>Gear box</i>		AutoQuad Plus
<i>Number of forward and reverse speeds</i>	20	20
<i>Speed at rated engine speed</i>	from 2,86	to 43,00 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>	limited	1067 min ⁻¹
<i>Diameter of the shaft</i>	45 mm	45 mm
<i>Number of splines</i>	6	20

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	146,92 kW	1749 min ⁻¹	889 min ⁻¹
<i>Hourly and specific consumption</i>		41,86 l/h	240 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	126,73 kW	2099 min ⁻¹	1067 min ⁻¹
<i>Hourly and specific consumption</i>		38,89 l/h	259 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	142,14 kW	1967 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		41,72 l/h	247 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	861,3 Nm	1599 min ⁻¹	49,4 %
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Drawbar Test

<i>Front tyres, Rear tyres</i>	420/90 R30	480/80 R46
<i>Test with tractor</i>	unballasted	ballasted
<i>Total Mass</i>	9616 kg	
<i>Maximum drawbar pull</i>	91,86 kN	
<i>at speed of</i>	3,76 km/h	Not
<i>Maximum power</i>	134,55 kW	Applicable
<i>at speed of</i>	11,17 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>	145,1 l/min	15,45 MPa	37,4 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	175,3 l/min	18,34 MPa	53,6 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		55,2 kN	48,8 kN