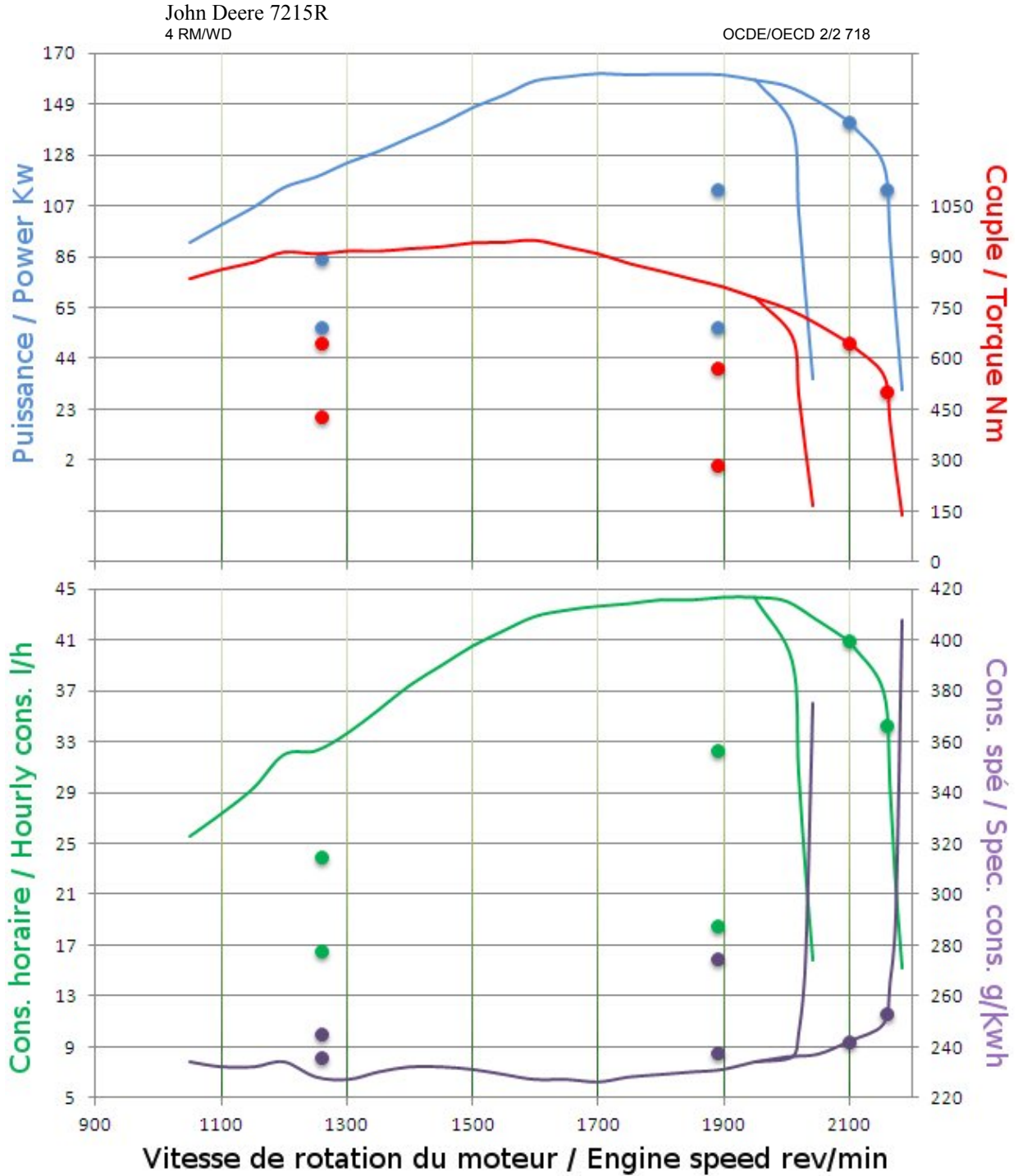




OECD approval number
OECD approval date
Make
Model
Type

2/2 718
02/11/2012
John Deere
7215R
4WD
 CommandQuad - 40 km/h
 John Deere Tractor Works
 Nebraska Tractor Test Laboratory
 Lincoln, Nebraska U.S.A.

Manufacturer:
Testing station:



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>		CommandQuad
<i>Number of forward and reverse speeds</i>		20
<i>Speed at rated engine speed</i>	from 2,86	to 43,00 km/h
<u>Standard Power take-off speed</u>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	limited	1077 min ⁻¹
<i>Diameter of the shaft</i>	45 mm	45 mm
<i>Number of splines</i>	6	20

Power take-off Test

One hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	161,29 kW	1800 min ⁻¹	923 min ⁻¹
<i>Hourly and specific consumption</i>		44,1 l/h	229 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	141,83 kW	2100 min ⁻¹	1077 min ⁻¹
<i>Hourly and specific consumption</i>		40,9 l/h	242 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	158,88 kW	1950 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		44,3 l/h	234 g/kWh

Torque rise

<u>Maximum torque, Engine speed corresponding</u>		947 Nm	1599 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	16.9 R30	480/80 R46
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	9707 kg	
<i>Maximum drawbar pull</i>	92,14 kN	
<i>at speed of</i>	3,74 km/h	Not
<i>Maximum power</i>	145,67 kW	Applicable
<i>at speed of</i>	11,40 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	140,6 l/min	14,71 MPa	34,5 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	175,2 l/min	18,36 MPa	53,6 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		55,2 kN	48,8 kN