



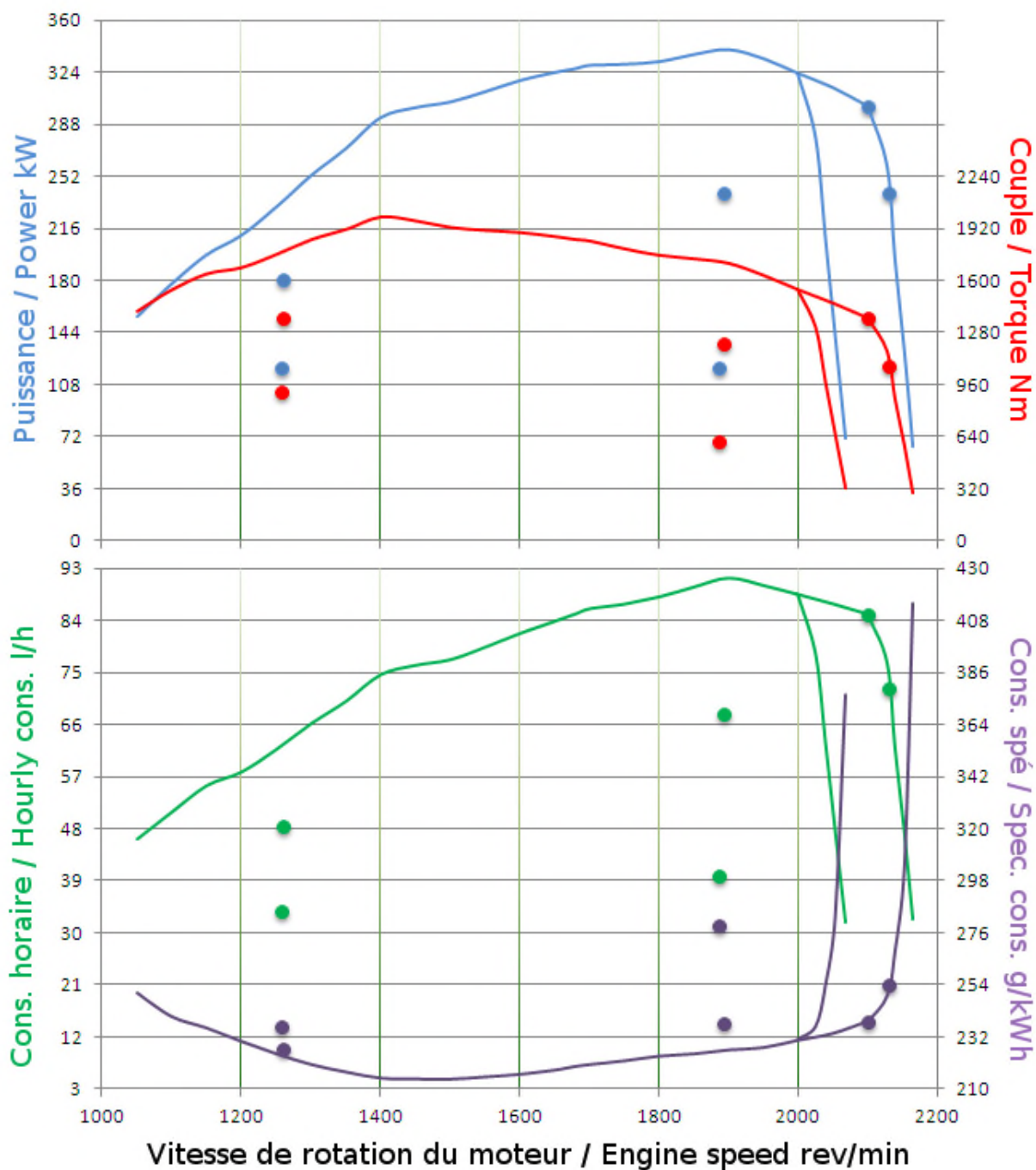
OECD approval number  
OECD approval date  
Make  
Model  
Type

Manufacturer:  
Testing station:

2/2 801  
20/12/2013  
CASE IH  
Quadtrac 450  
Articulated 4WD – Rubber tracks  
Full PowerShift - 40 km/h  
CNH America, LLC  
NTTL - U.S.A.

Case IH Quadtrac 450  
4WD with rubber tracks

OCDE/OECD 2/2 801



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

<i>Make, Model</i>	FPT	Cursor 13 L
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	12896 cm <sup>3</sup>	Liquid
<i>Gear box</i>		Full PowerShift
<i>Number of forward and reverse speeds</i>	16	2
<i>Speed at rated engine speed</i>	from 4,47	to 38,14 km/h
<u>Standard Power take-off speed</u>	540 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Power take-off speed at rated engine speed</i>		1051 min <sup>-1</sup>
<i>Diameter of the shaft</i>	Not	44 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>	339,34 kW	1900 min <sup>-1</sup>	951 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		91,31 l/h	227 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	300,13 kW	2100 min <sup>-1</sup>	1051 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		85,06 l/h	239 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	323,20 kW	1999 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		88,51 l/h	231 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	1993,2 Nm		1401 min <sup>-1</sup>
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**Drawbar Test***Front tyres, Rear tyres*

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

	24626 kg	
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*Maximum drawbar pull*

	222,22 kN	
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*at speed of*

	3,85 km/h	Not
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*Maximum power*

	294,80 kW	Applicable
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*at speed of*

	8,72 km/h	
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**Hydraulic Performance and Power Lift Test***Hydraulic system*

		Closed centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	167,3 l/min	14,90 MPa	41,5 kW
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<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	210,2 l/min	18,45 MPa	64,6 kW
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Maximum lifting force

<i>at the hitch points, at frame</i>	94,4 kN	87,8 kN
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