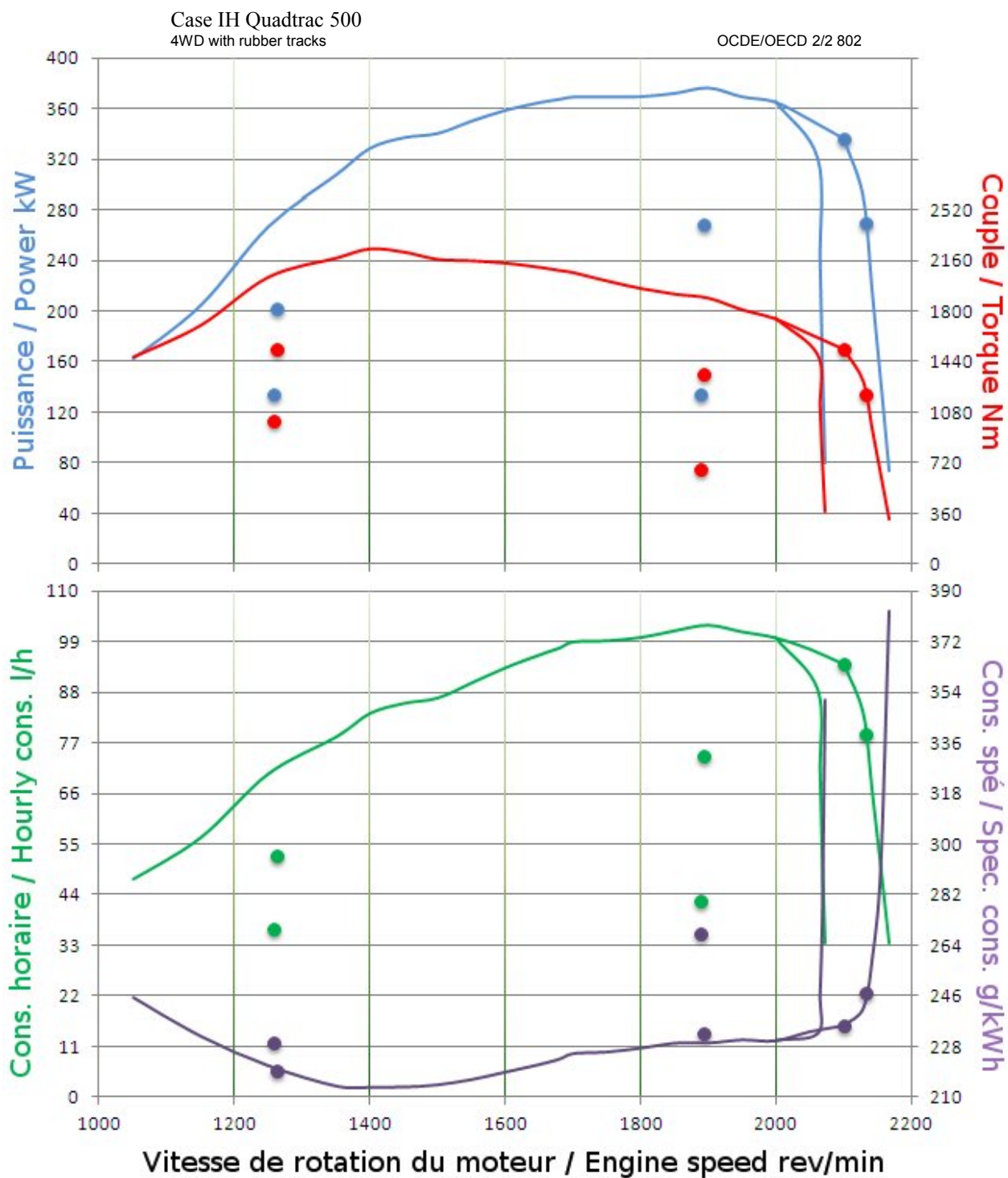




OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 802
20/12/2013
CASE IH
Quadtrac 500
Articulated 4WD – Rubber tracks
Full PowerShift - 40 km/h
CNH America, LLC
NTTL - U.S.A.



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 ³	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
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>		1051 min ⁻¹
<i>Diameter of the shaft</i>	Not	44 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>	376,28 kW	1900 min ⁻¹	951 min ⁻¹
<i>Hourly and specific consumption</i>		102,47 l/h	229 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	336,10 kW	2100 min ⁻¹	1051 min ⁻¹
<i>Hourly and specific consumption</i>		93,98 l/h	236 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	365,22 kW	1998 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		99,78 l/h	230 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	2239,9 Nm		46,6 % 1401 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<i>Test with tractor</i>	unballasted	ballasted
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Total Mass

	24626 kg
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Maximum drawbar pull

	222,76 kN
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at speed of

	3,89 km/h
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Maximum power

	317,41 kW
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at speed of

	10,56 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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