



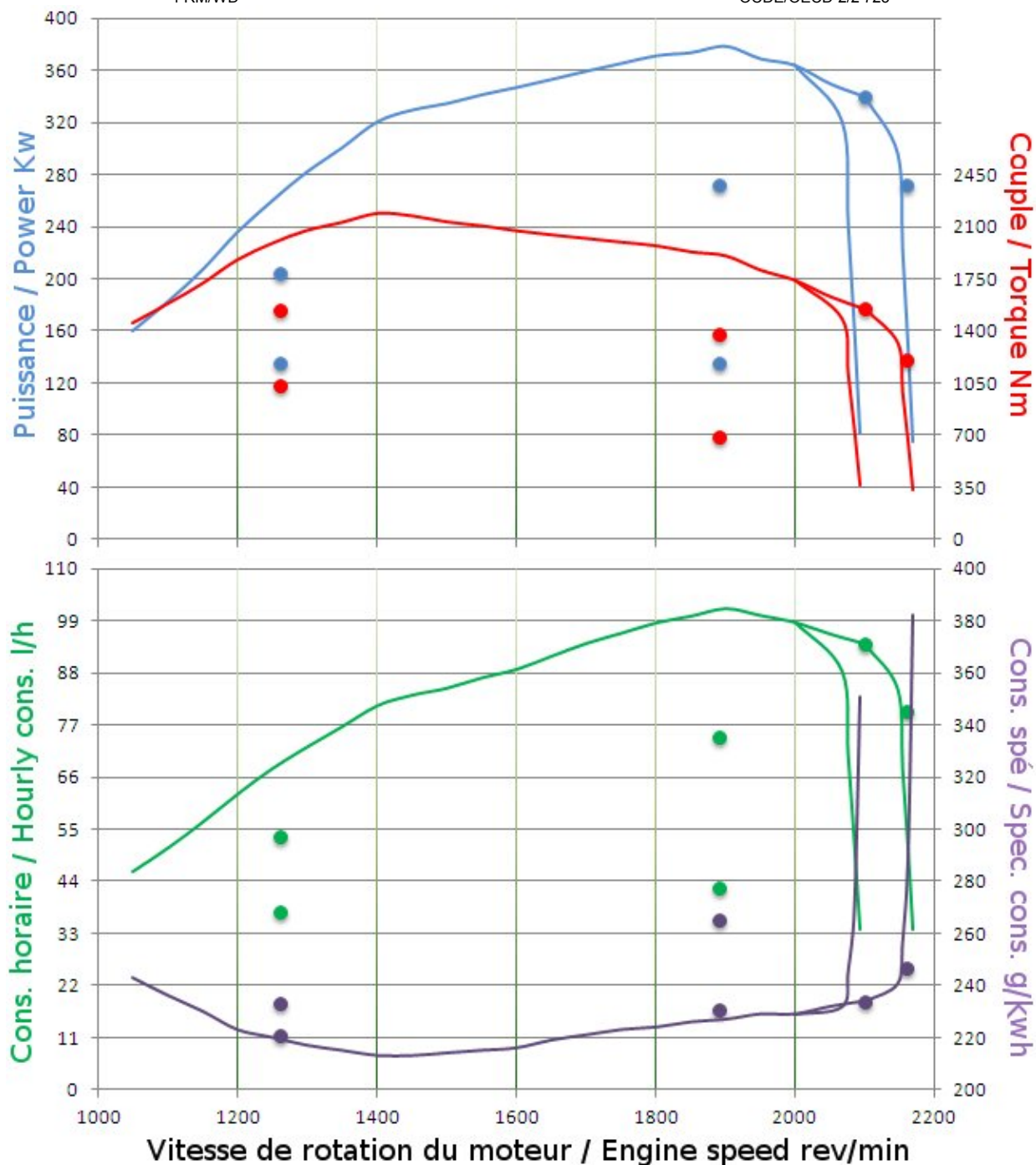
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 723
23/11/2012
CASE IH
Steiger 500
4WD
Full Powershift - 40 km/h
CNH America, LLC
Nebraska Tractor Test Laboratory
Lincoln, Nebraska U.S.A.

CASE IH Steiger 500
4 RM/WD

OCDE/OECD 2/2 723



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	FPT	Cursor 13L FPT
<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 4,29	to 36,64 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>		1001 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>	378,84 kW	1901 min ⁻¹	951 min ⁻¹
<i>Hourly and specific consumption</i>		101,62 l/h	227 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	340,11 kW	2100 min ⁻¹	1051 min ⁻¹
<i>Hourly and specific consumption</i>		94,21 l/h	234 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	364,35 kW	1999 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		98,74 l/h	229 g/kWh

Torque rise

<u>Maximum torque, Engine speed corresponding</u>	2188 Nm	1401 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	520/85 R46	520/85 R46
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	21426 kg	
<i>Maximum drawbar pull</i>	207,88 kN	
<i>at speed of</i>	4,76 km/h	Not
<i>Maximum power</i>	340,20 kW	Applicable
<i>at speed of</i>	10,52 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>	163,9 l/min	14,77 MPa	40,3 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	220,3 l/min	17,98 MPa	66,1 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		95,6 kN	87,3 kN