



OECD approval number

OECD approval date

Make

Model

Type

Manufacturer:

Testing station:

2/2 724

23/11/2012

CASE IH

Steiger 450

4WD

Full Powershift - 40 km/h

CNH America, LLC

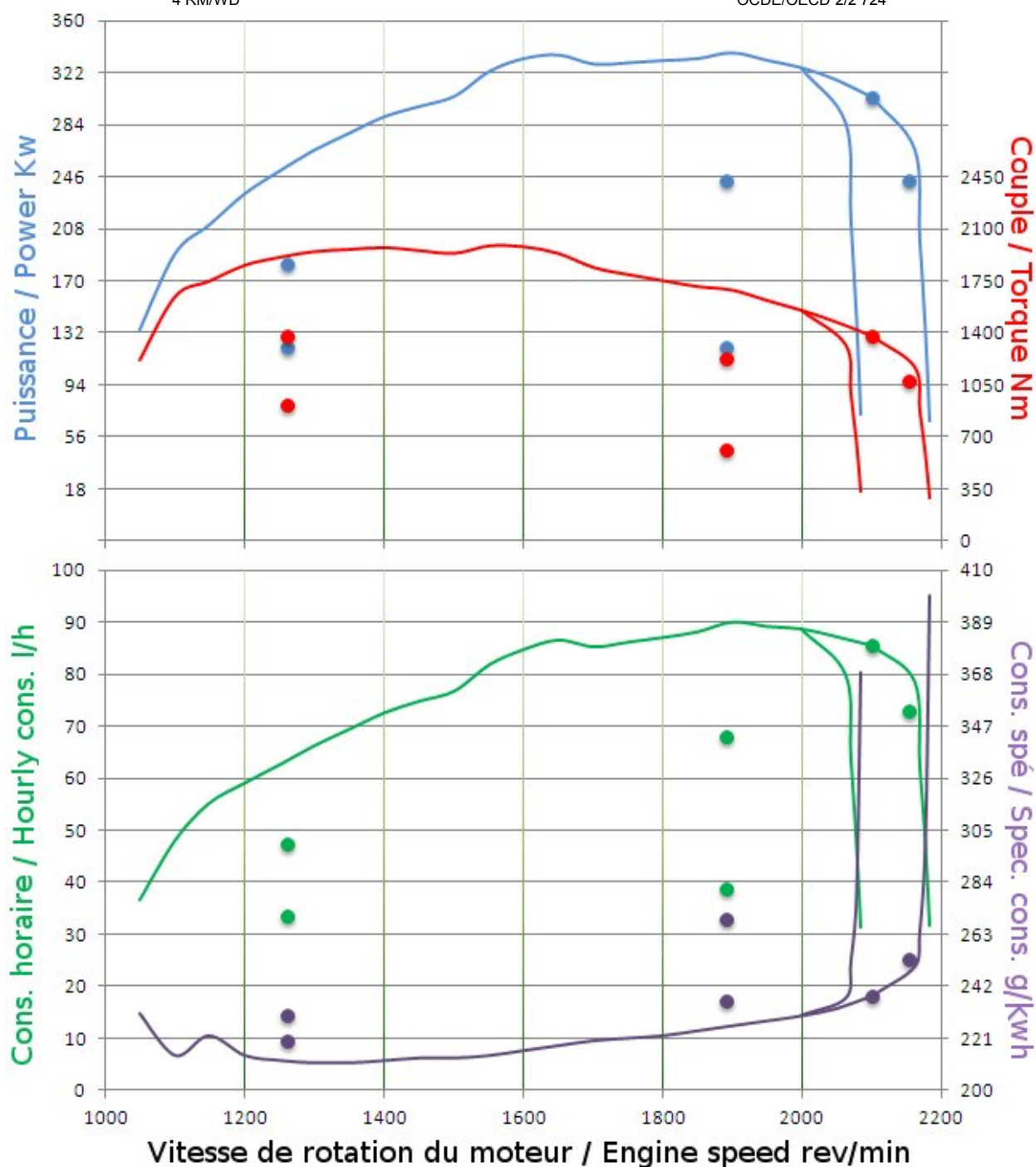
Nebraska Tractor Test Laboratory

Lincoln, Nebraska U.S.A.

CASE IH Steiger 450

4 RM/WD

OCDE/OECD 2/2 724



**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 <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 38,11 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>		1001 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>	336,52 kW	1900 min <sup>-1</sup>	951 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		90,11 l/h	226 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	304,02 kW	2100 min <sup>-1</sup>	1051 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		85,62 l/h	238 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	325,62 kW	1999 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		88,80 l/h	230 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	1989 Nm		1551 min <sup>-1</sup>
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**Drawbar Test**

<i>Front tyres, Rear tyres</i>	480/95 R50	480/95 R50
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	18094 kg	
<i>Maximum drawbar pull</i>	174,21 kN	
<i>at speed of</i>	5,21 km/h	Not
<i>Maximum power</i>	298,98 kW	Applicable
<i>at speed of</i>	9,09 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>	158,7 l/min	15,74 MPa	41,6 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	222,3 l/min	17,86 MPa	66,2 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		102,9 kN	79,5 kN