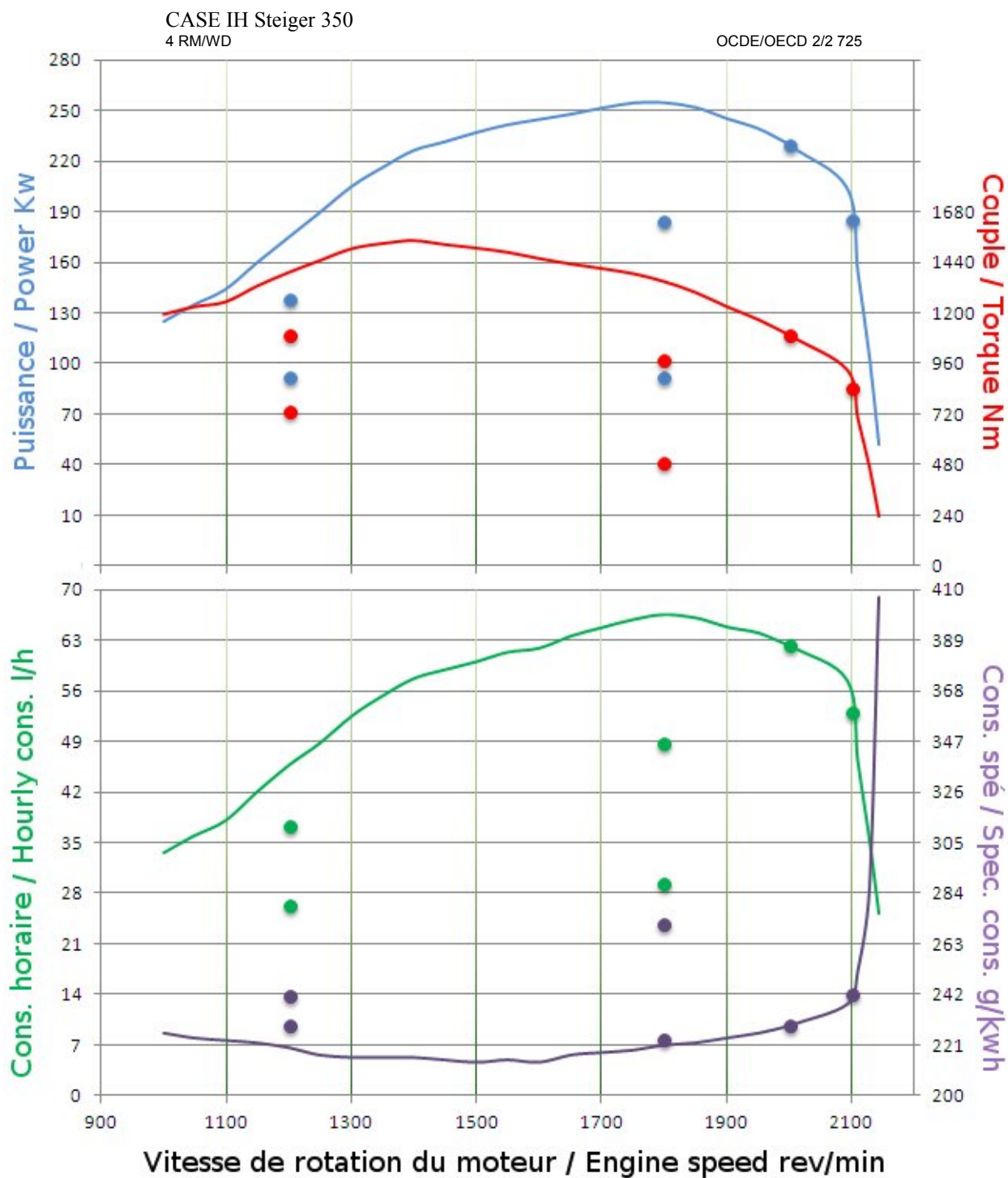




OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 725
23/11/2012
CASE IH
Steiger 350
4WD
Full Powershift - 40 km/h
CNH America, LLC
Nebraska Tractor Test Laboratory
Lincoln, Nebraska U.S.A.



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	FPT	Cursor 9
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	8704 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 4,55	to 40,78 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>		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>	254,38 kW	1798 min ⁻¹	900 min ⁻¹
<i>Hourly and specific consumption</i>		66,58 l/h	221 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	229,45 kW	2001 min ⁻¹	1002 min ⁻¹
<i>Hourly and specific consumption</i>		62,21 l/h	229 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	229,45 kW	2001 min ⁻¹	1002 min ⁻¹
<i>Hourly and specific consumption</i>		62,21 l/h	229 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	1542 Nm	1400 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	480/95 R50	480/95 R50
<i>Test with tractor</i>	unballasted	ballasted
<i>Total Mass</i>	17386 kg	
<i>Maximum drawbar pull</i>	153,37 kN	
<i>at speed of</i>	4,04 km/h	Not
<i>Maximum power</i>	228,51 kW	Applicable
<i>at speed of</i>	8,67 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<i>At maximum hydraulic power</i>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	154,9 l/min	15,84 MPa	40,9 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	213,8 l/min	18,48 MPa	65,9 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		102,9 kN	79,5 kN