



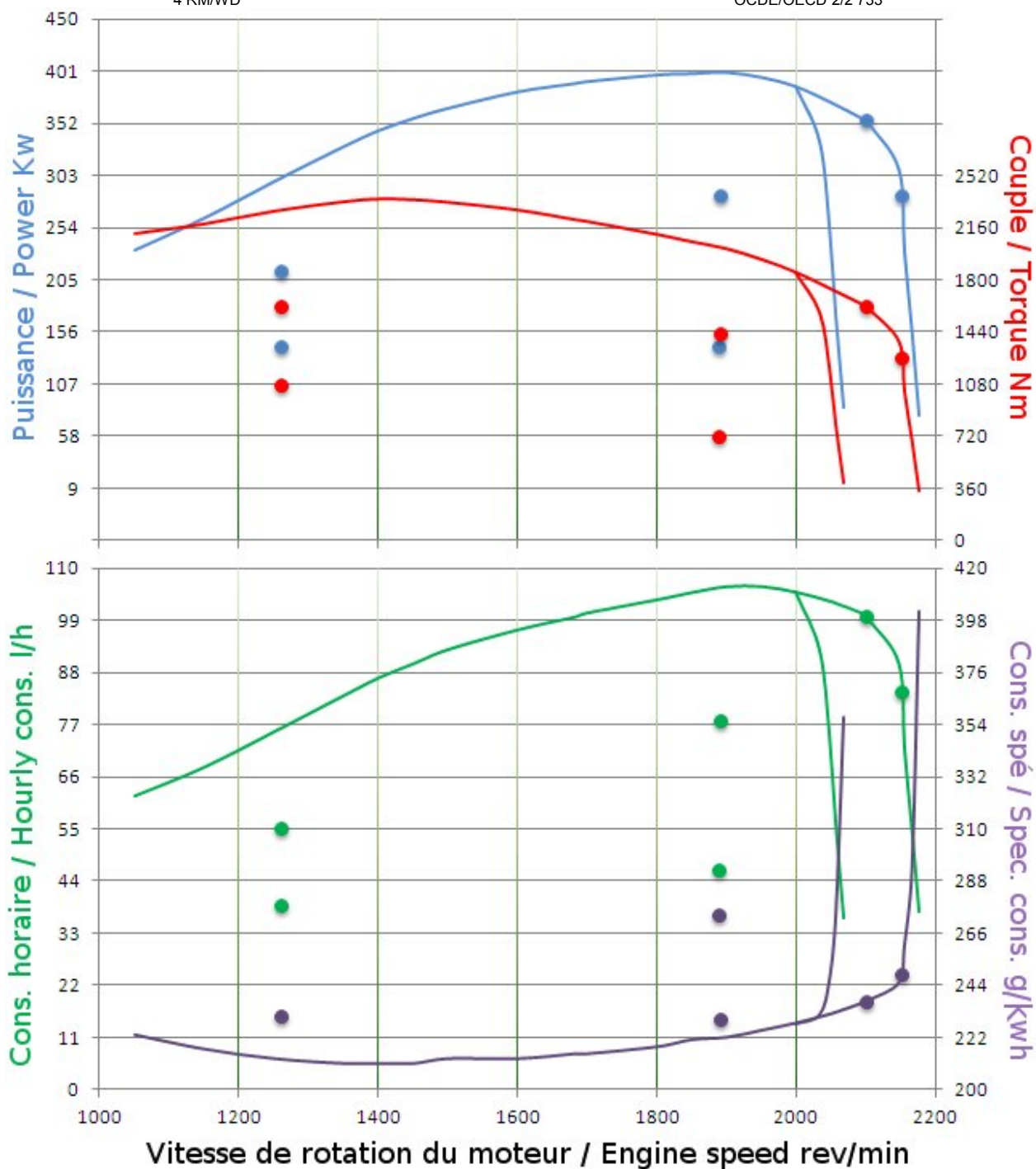
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 733
20/12/2012
CASE IH
Steiger 550 HD
4WD
Full Powershift - 40 km/h
CNH America, LLC
Nebraska Tractor Test Laboratory
Lincoln, Nebraska U.S.A.

CASE IH Steiger 550 HD
4 RM/WD

OCDE/OECD 2/2 733



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 4,50	to 38,42 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>	399,93 kW	1900 min ⁻¹	951 min ⁻¹
<i>Hourly and specific consumption</i>		105,97 l/h	222 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	354,56 kW	2100 min ⁻¹	1051 min ⁻¹
<i>Hourly and specific consumption</i>		100,02 l/h	237 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	386,70 kW	1999 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		104,81 l/h	228 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	2353 Nm		1401 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	800/70 R38	800/70 R38
<i>Test with tractor</i>	unballasted	ballasted
<i>Total Mass</i>	23516 kg	
<i>Maximum drawbar pull</i>	230,94 kN	
<i>at speed of</i>	4,13 km/h	Not
<i>Maximum power</i>	387,09 kW	Applicable
<i>at speed of</i>	10,52 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>	174,9 l/min	13,36 MPa	39,0 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	222,4 l/min	17,00 MPa	63,0 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		95,6 kN	87,3 kN