



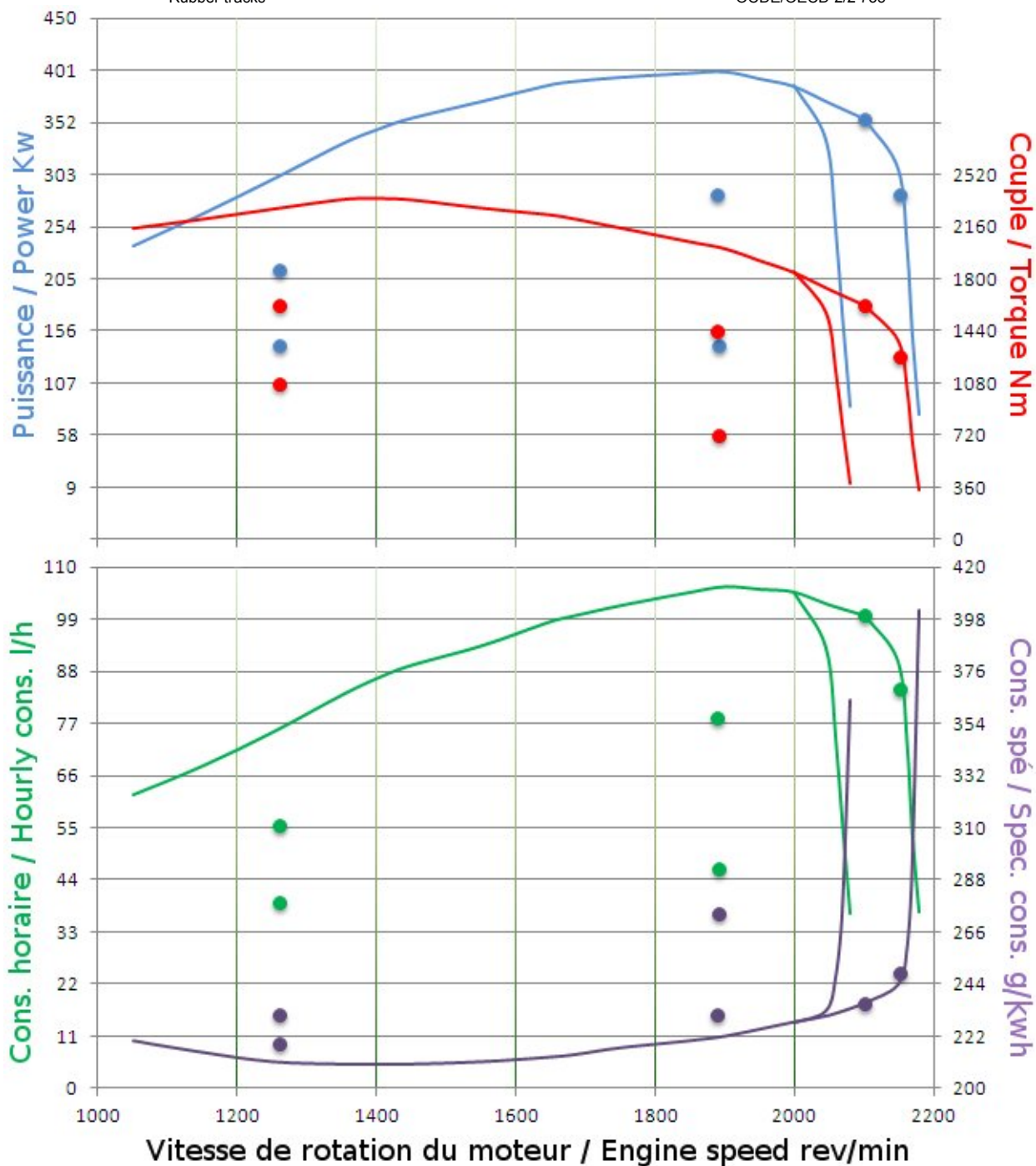
OECD approval number  
OECD approval date  
Make  
Model  
Type

Manufacturer:  
Testing station:

2/2 735  
21/12/2012  
CASE IH  
Steiger 600 Quadtrac  
Rubber tracks  
Full Powershift - 40 km/h  
CNH America, LLC  
Nebraska Tractor Test Laboratory  
Lincoln, Nebraska U.S.A.

CASE IH Steiger 600 Quadtrac  
Rubber tracks

OCDE/OECD 2/2 735



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	FPT	Cursor 13
<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 38,14 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>	399,61 kW	1900 min <sup>-1</sup>	951 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		105,75 l/h	222 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	355,57 kW	2100 min <sup>-1</sup>	1051 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		99,72 l/h	236 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	386,12 kW	1998 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		104,65 l/h	228 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	2357 Nm		1401 min <sup>-1</sup>
---	---------	--	------------------------

**Drawbar Test***Front tyres, Rear tyres*

<u>Test with tractor</u>	unballasted	ballasted
--------------------------	-------------	-----------

*Total Mass*

	26803 kg
--	----------

*Maximum drawbar pull*

	250,56 kN
--	-----------

*at speed of*

	3,97 km/h
--	-----------

*Maximum power*

	398,70 kW
--	-----------

*at speed of*

	8,63 km/h
--	-----------

**Hydraulic Performance and Power Lift Test***Hydraulic system*

		Closed centre
--	--	---------------

At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	161,5 l/min	14,75 MPa	39,7 kW
--	-------------	-----------	---------

<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	214,8 l/min	17,08 MPa	61,1 kW
--	-------------	-----------	---------

Maximum lifting force

<i>at the hitch points, at frame</i>	94,4 kN	87,8 kN
--------------------------------------	---------	---------