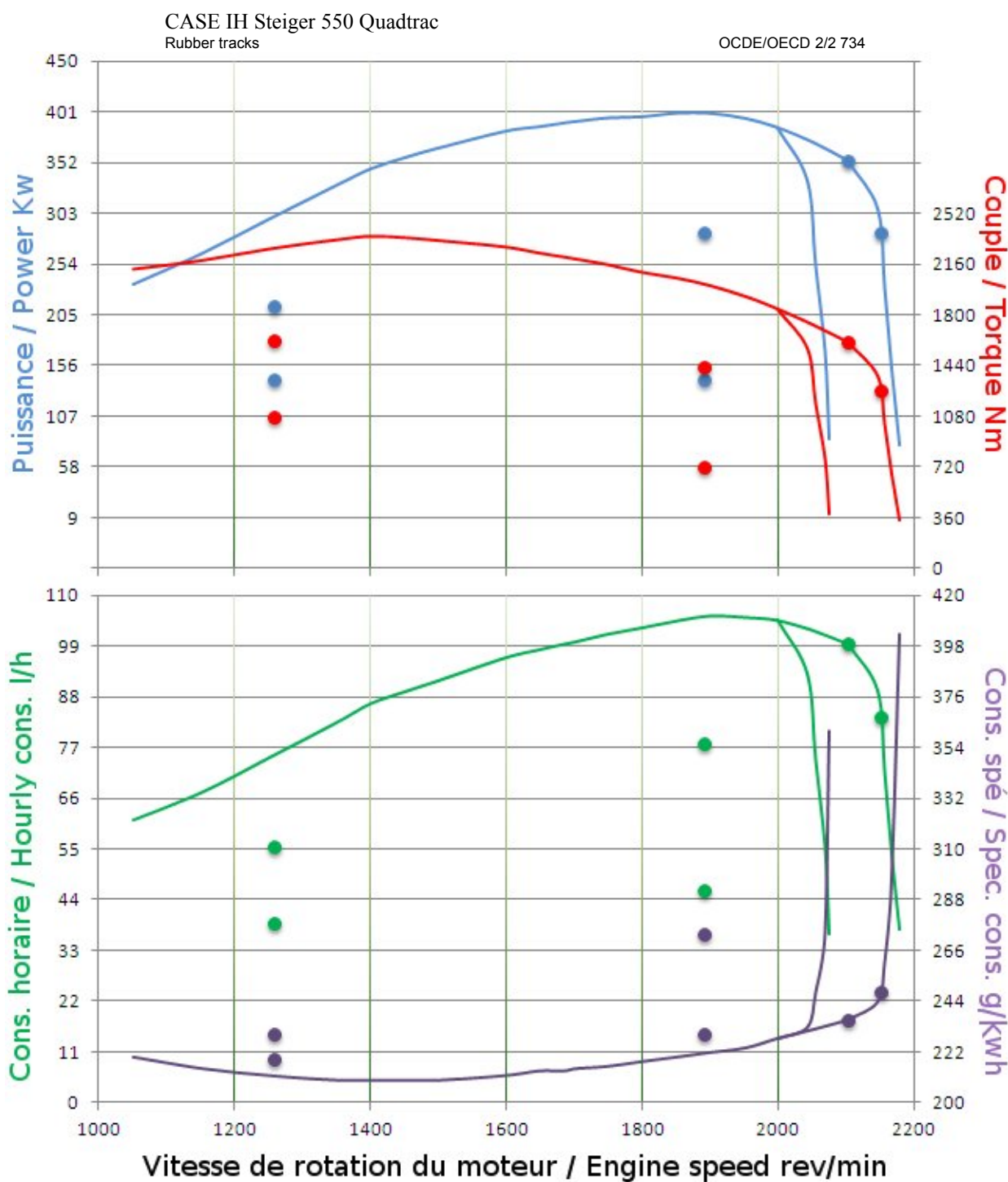




OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 734
21/12/2012
CASE IH
Steiger 550 Quadtrac
Rubber tracks
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 13
<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 4,47	to 38,14 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>	399,52 kW	1900 min ⁻¹	951 min ⁻¹
<i>Hourly and specific consumption</i>		105,68 l/h	222 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	353,81 kW	2102 min ⁻¹	1051 min ⁻¹
<i>Hourly and specific consumption</i>		99,61 l/h	236 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	385,85 kW	1998 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		104,73 l/h	228 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	2360 Nm	1401 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	unballasted	ballasted
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Total Mass

26671 kg

Maximum drawbar pull

228,08 kN

at speed of

4,83 km/h

Maximum power

364,02 kW

at speed of

8,68 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

<u>At maximum hydraulic power</u>			Closed centre
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Flow rate, Pressure, Power (couplers: 1 pair)

174,2 l/min	14,45 MPa	42,0 kW
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Flow rate, Pressure, Power (couplers: 2 pairs or +)

220,8 l/min	17,63 MPa	64,9 kW
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Maximum lifting force

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