



OECD approval number

OECD approval date

Make

Model

Type

Manufacturer:

Testing station:

2/2 799

20/12/2013

CASE IH

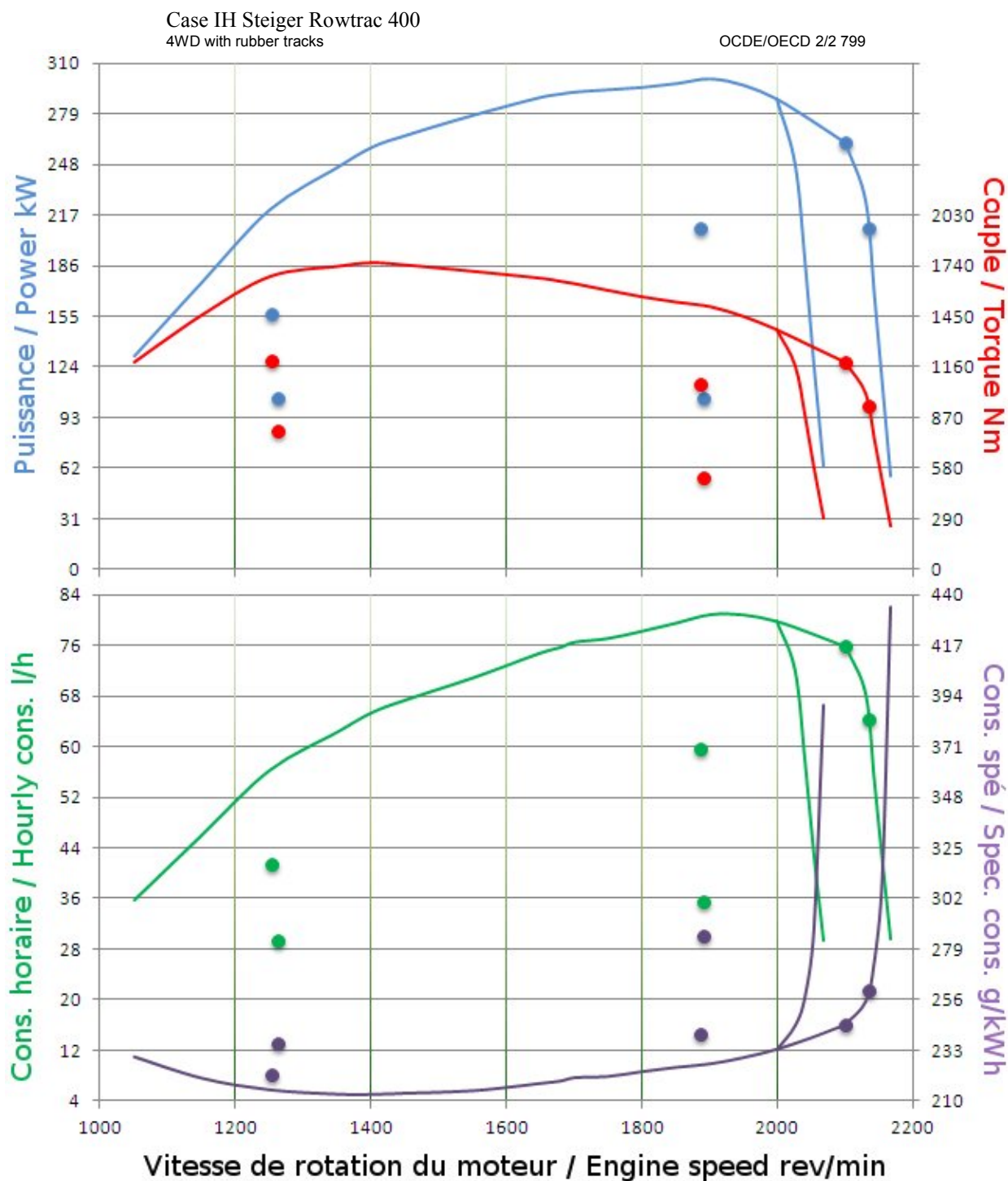
Steiger Rowtrac 400

Articulated 4WD – Rubber tracks

Full PowerShift - 40 km/h

CNH America, LLC

NTTL - U.S.A.



## Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	FIAT Powertrain (FPT)	Cursor 13L
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	12880 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 4,64	to 39,62 km/h
<i>Standard Power take-off speed</i>	540 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Power take-off speed at rated engine speed</i>		1051 min <sup>-1</sup>
<i>Diameter of the shaft</i>	Not	45 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>	298.82 kW	1900 min <sup>-1</sup>	951 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		80.74 l/h	228 g/kWh

### Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	261.16 kW	2100 min <sup>-1</sup>	1051 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		75.87 l/h	245 g/kWh

### Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	287.93 kW	1998 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		79.86 l/h	234 g/kWh

### Torque rise

<i>Maximum torque, Engine speed corresponding</i>	1760 Nm		1401 min <sup>-1</sup>
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## Drawbar Test

*Front tyres, Rear tyres*

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

	25304 kg
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*Maximum drawbar pull*

	171,09 kN
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*at speed of*

	3,98 km/h
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*Maximum power*

	263,30 kW
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*at speed of*

	9,12 km/h
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Not

Applicable

## Hydraulic Performance and Power Lift Test

*Hydraulic system*

Closed centre

### At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	164,0 l/min	15,75 MPa	43,1 kW
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<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	209,7 l/min	18,74 MPa	65,5 kW
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### Maximum lifting force

<i>at the hitch points, at frame</i>	102,9 kN	79,5 kN
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