



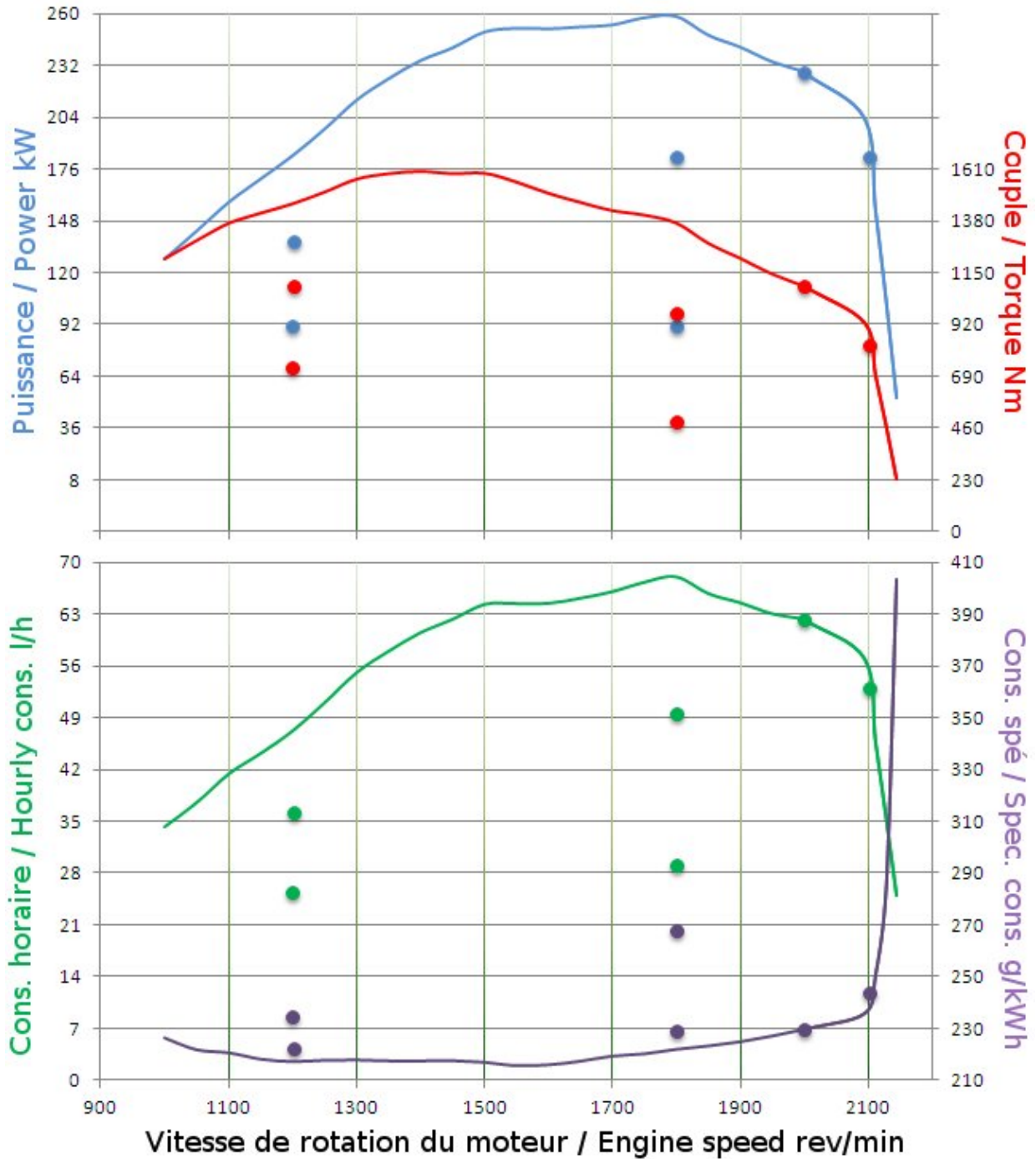
**OECD approval number**  
**OECD approval date**  
**Make**  
**Model**  
**Type**

**2/2 800**  
**20/12/2013**  
**CASE IH**  
**Steiger Rowtrac 350**  
**Articulated 4WD – Rubber tracks**  
 Full PowerShift - 40 km/h  
 CNH America, LLC  
 NTTL - U.S.A.

Manufacturer:  
 Testing station:

Case IH Steiger Rowtrac 350  
4WD with rubber tracks

OCDE/OECD 2/2 800



## Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	FIAT Powertrain (FPT)	Cursor 9
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	8704 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 4,41	to 37,77 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	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>	258.32 kW	1800 min <sup>-1</sup>	901 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		68.11 l/h	222 g/kWh

#### Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	228.49 kW	2000 min <sup>-1</sup>	1001 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		62.38 l/h	230 g/kWh

#### Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	228.49 kW	2000 min <sup>-1</sup>	1001 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		62.38 l/h	230 g/kWh

#### Torque rise

<u>Maximum torque, Engine speed corresponding</u>		1598 Nm	1401 min <sup>-1</sup>
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### Drawbar Test

*Front tyres, Rear tyres*

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

	23548 kg
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*Maximum drawbar pull*

	155,66 kN
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*at speed of*

	3,62 km/h
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*Maximum power*

	221,80 kW
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*at speed of*

	8,47 km/h
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### Hydraulic Performance and Power Lift Test

*Hydraulic system*

			Closed centre
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#### At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	162,5 l/min	14,30 MPa	38,7 kW
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<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	212,7 l/min	16,08 MPa	57,0 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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