



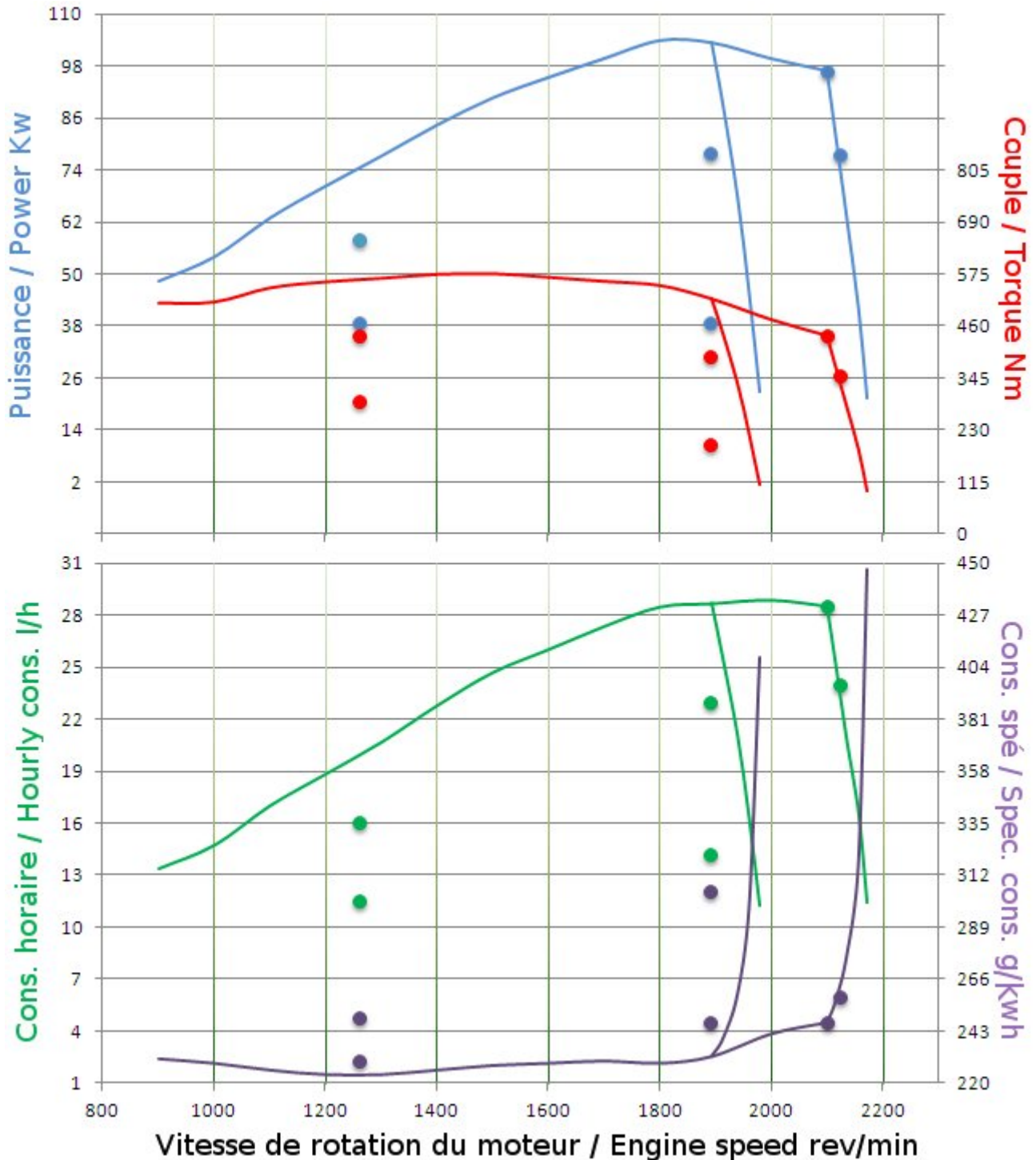
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 702
16/07/2012
CASE IH
MAXXUM 140
4 WD
 Semi powershift - 40 km/h
 CNH Europe Holding S.A.
 IMAMOTER – Torino, Italy

CASE IH MAXXUM 140
4 RM/WD

OCDE/OECD 2/2 702



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	F4DFE6132
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6728 cm ³	Liquid
<i>Gear box</i>		Semi powershift
<i>Number of forward and reverse speeds</i>		17
<i>Speed at rated engine speed</i>		from 2,3
<u>Standard Power take-off speed</u>		540 min ⁻¹
<i>Power take-off speed at rated engine speed</i>		1109 min ⁻¹
<i>Diameter of the shaft</i>	Not	35 mm
<i>Number of splines</i>	Applicable	6

Power take-off Test

One hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	103,8 kW	1800 min ⁻¹	951 min ⁻¹
<i>Hourly and specific consumption</i>		28,50 l/h	229 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	96,8 kW	2100 min ⁻¹	1109 min ⁻¹
<i>Hourly and specific consumption</i>		28,55 l/h	247 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	103,3 kW	1893 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		28,69 l/h	232 g/kWh

Torque rise

<u>Maximum torque, Engine speed corresponding</u>		576,3 Nm	1500 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	540/65R28	650/65R38
<u>Test with tractor</u>	unballasted	ballasted
<i>Total Mass</i>	6160 kg	
<i>Maximum drawbar pull</i>	50,6 kN	Not
<i>at speed of</i>	3,77 km/h	Applicable
<i>Maximum power</i>	82,0 kW	
<i>at speed of</i>	9,08 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	94,2 l/min	17,0 MPa	26,7 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	94,1 l/min	18,5 MPa	29,0 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		47,8 kN	35,5 kN