



OECD approval number
OECD approval date
Make
Model
Type

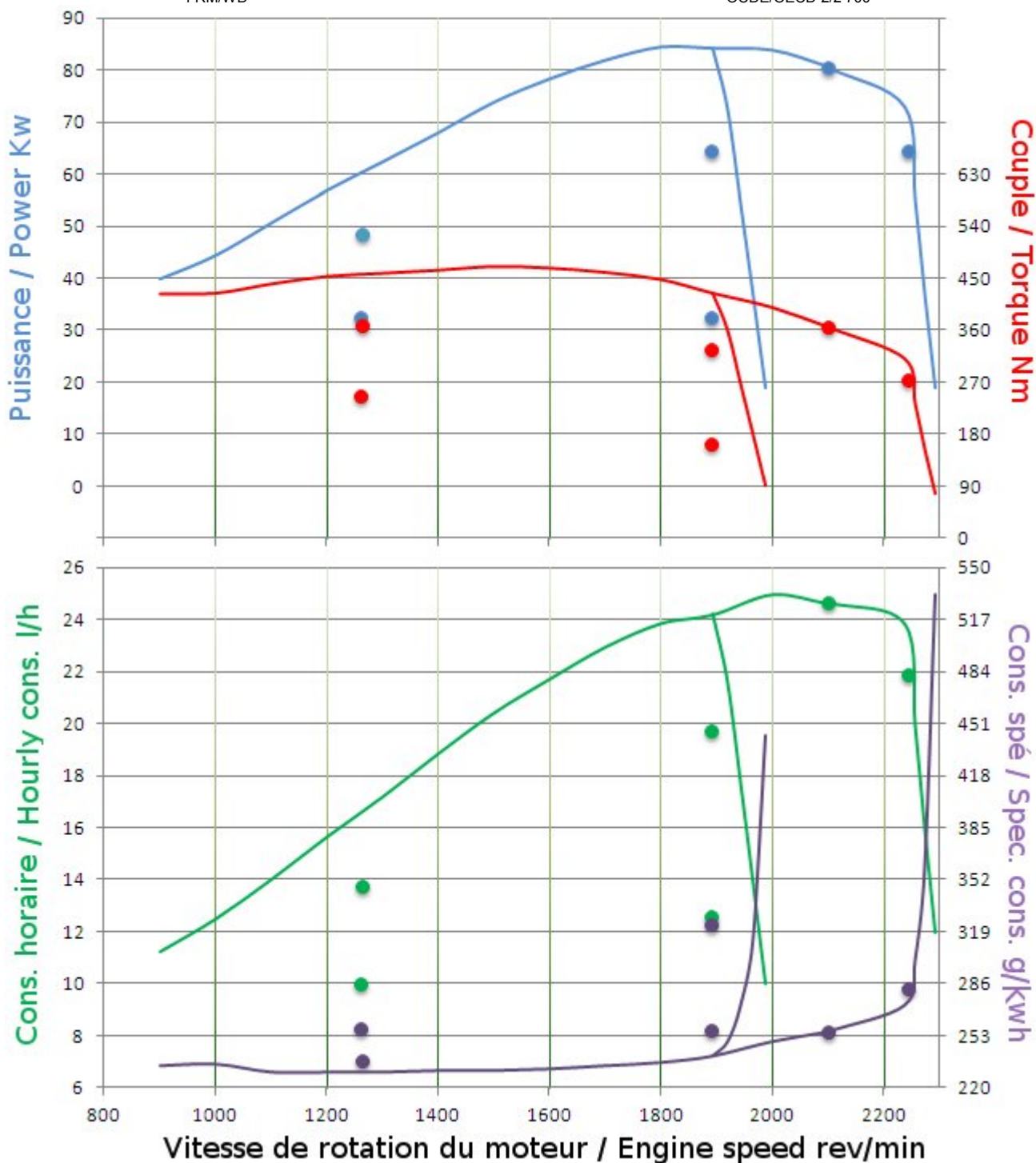
Manufacturer:
Testing station:

2/2 700
06/07/2012
CASE IH
MAXXUM 115
4 WD

Power-shuttle - 40 km/h
CNH Europe Holding S.A.
IMAMOTER – Torino, Italy

CASE IH MAXXUM 115
4 RM/WD

OCDE/OECD 2/2 700



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	F4DFE613F
<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>		Power-shuttle
<i>Number of forward and reverse speeds</i>	24	24
<i>Speed at rated engine speed</i>	from 1,6	to 35,7 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>		1109 min ⁻¹
<i>Diameter of the shaft</i>	Not	35 mm
<i>Number of splines</i>	Applicable	6

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	84,3 kW	1800 min ⁻¹	951 min ⁻¹
<i>Hourly and specific consumption</i>		23,86 l/h	236 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	80,6 kW	2100 min ⁻¹	1109 min ⁻¹
<i>Hourly and specific consumption</i>		24,62 l/h	255 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	84,1 kW	1893 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		24,19 l/h	240 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	469,6 Nm	1500 min ⁻¹	28,10 %
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Drawbar Test

<i>Front tyres, Rear tyres</i>	480/65R28	600/65R38
<u>Test with tractor</u>	unballasted	ballasted
<i>Total Mass</i>	5640 kg	
<i>Maximum drawbar pull</i>	47,4 kN	Not
<i>at speed of</i>	4,37 km/h	Applicable
<i>Maximum power</i>	67,8 kW	
<i>at speed of</i>	8,50 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>	71,0 l/min	16,5 MPa	19,5 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	65,8 l/min	18,0 MPa	19,7 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		36,9 kN	29,9 kN