



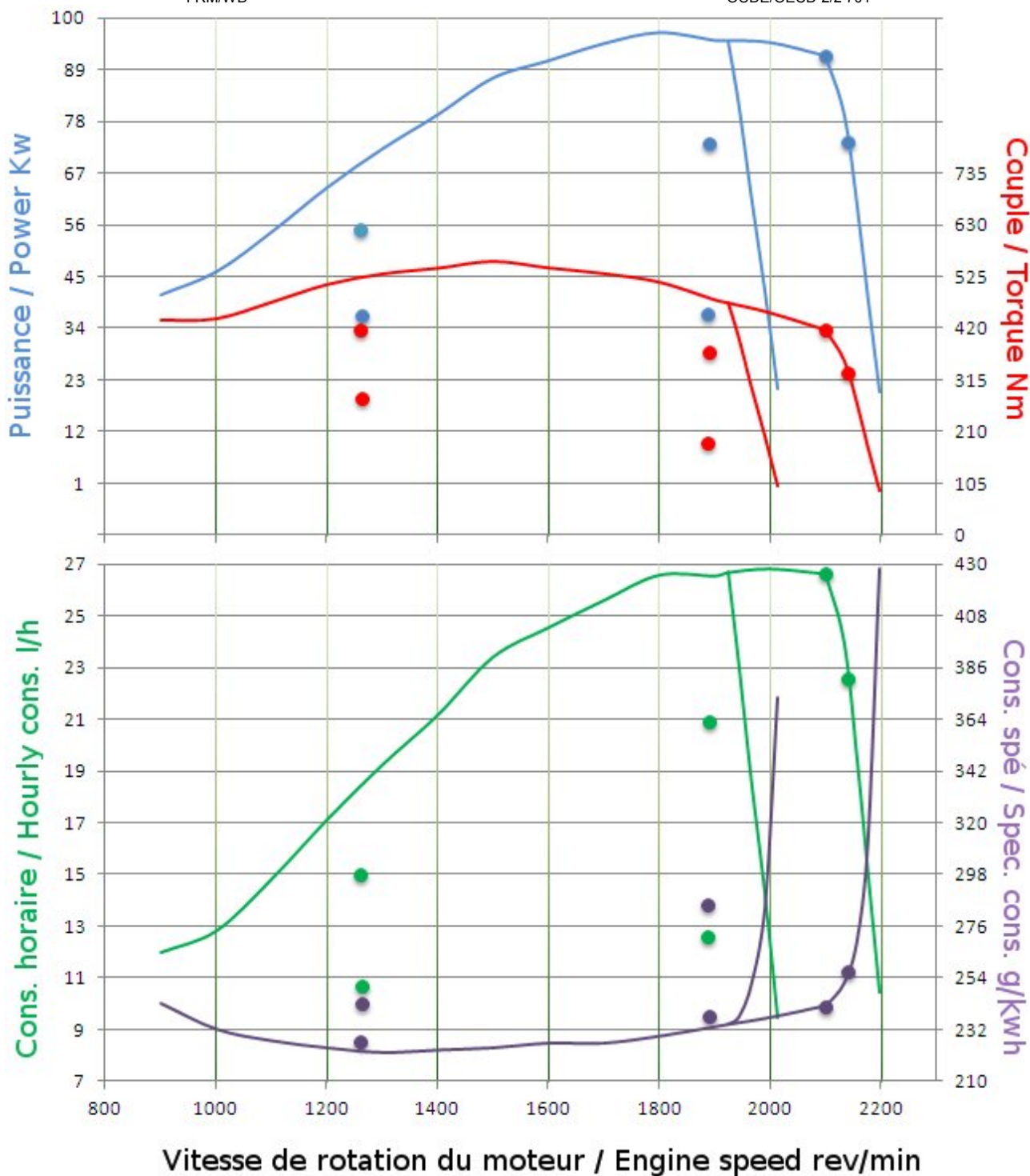
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 701
16/07/2012
CASE IH
MAXXUM 120
4 WD
Semi-powershift - 40 km/h
CNH Europe Holding S.A.
IMAMOTER – Torino, Italy

CASE IH MAXXUM 120
4 RM/WD

OCDE/OECD 2/2 701



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	F4DFE413B
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4485 cm ³	Liquid
<i>Gear box</i>		Semi-powershift
<i>Number of forward and reverse speeds</i>	16	16
<i>Speed at rated engine speed</i>	from 2,2	to 38,4 km/h
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	576 min ⁻¹	1091 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	6

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	96,8 kW	1800 min ⁻¹	936 min ⁻¹
<i>Hourly and specific consumption</i>		26,60 l/h	229 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	91,9 kW	2100 min ⁻¹	1091 min ⁻¹
<i>Hourly and specific consumption</i>		26,65 l/h	242 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	95,1 kW	1924 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		26,69 l/h	234 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	555,1 Nm	1500 min ⁻¹	32,84 %
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Drawbar Test

<i>Front tyres, Rear tyres</i>	480/65R28	600/65R38
<i>Test with tractor</i>	unballasted	ballasted
<i>Total Mass</i>	5330 kg	
<i>Maximum drawbar pull</i>	47,6 kN	Not
<i>at speed of</i>	2,98 km/h	Applicable
<i>Maximum power</i>	77,7 kW	
<i>at speed of</i>	8,66 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>	48,9 l/min	18,0 MPa	15,1 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	95,8 l/min	18,5 MPa	29,5 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		50,8 kN	39,7 kN