



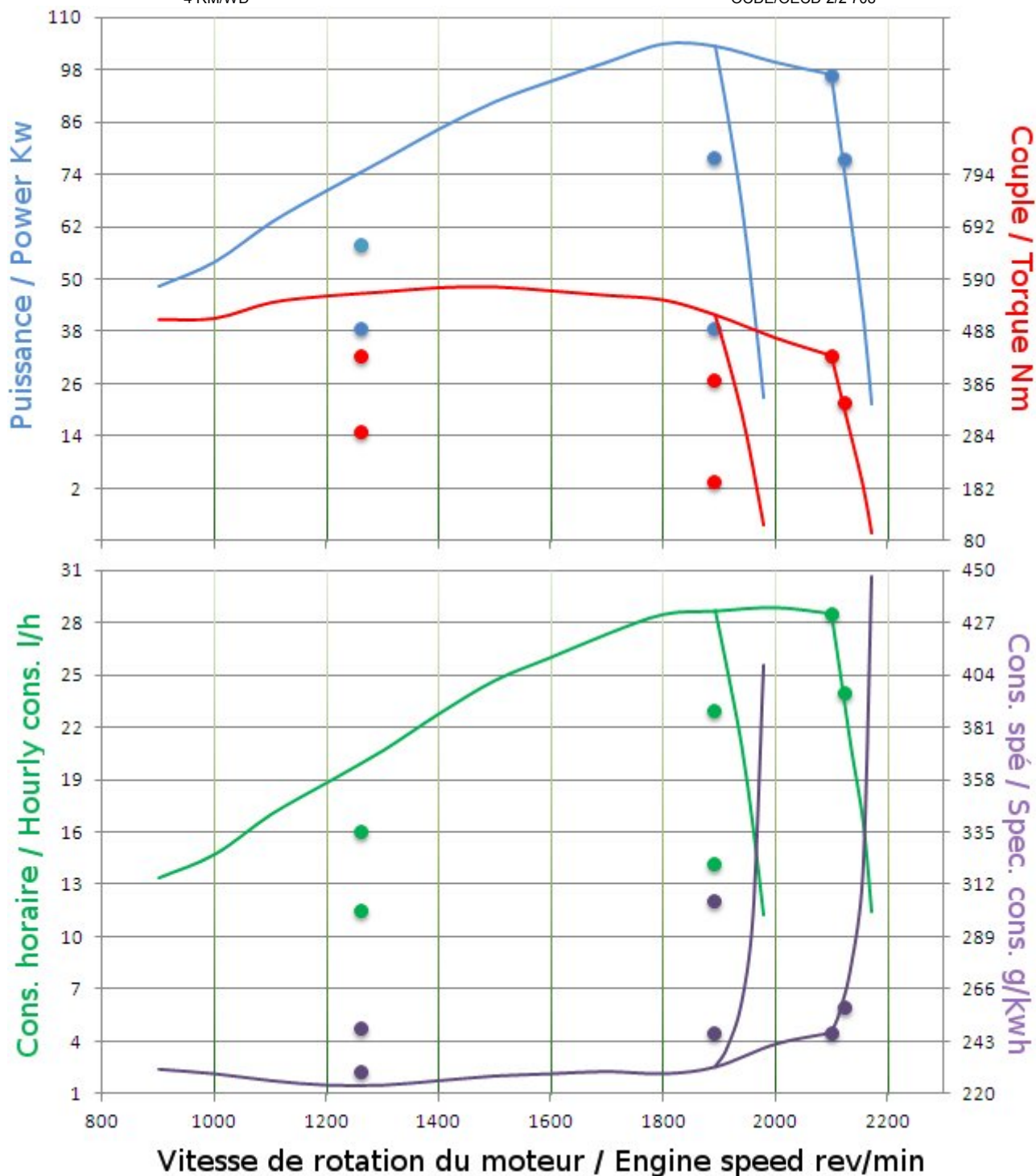
OECD approval number  
OECD approval date  
Make  
Model  
Type

Manufacturer:  
Testing station:

2/2 708  
26/07/2012  
New Holland  
T6.175  
4 WD  
Semi powershift - 50 km/h  
CNH Europe Holding S.A.  
IMAMOTER – Torino, Italy

New Holland T6.175  
4 RM/WD

OCDE/OECD 2/2 708



**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 <sup>3</sup>	Liquid
<i>Gear box</i>		Semi powershift
<i>Number of forward and reverse speeds</i>	17	16
<i>Speed at rated engine speed</i>	from 2,3	to 48,9 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>		1109 min <sup>-1</sup>
<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 <sup>-1</sup>	951 min <sup>-1</sup>
<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>	96,9 kW	2100 min <sup>-1</sup>	1109 min <sup>-1</sup>
<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 <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		28,69 l/h	232 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	576,3 Nm	1500 min <sup>-1</sup>	30,97 %
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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	