



OECD approval number  
OECD approval date  
Make  
Model  
Type

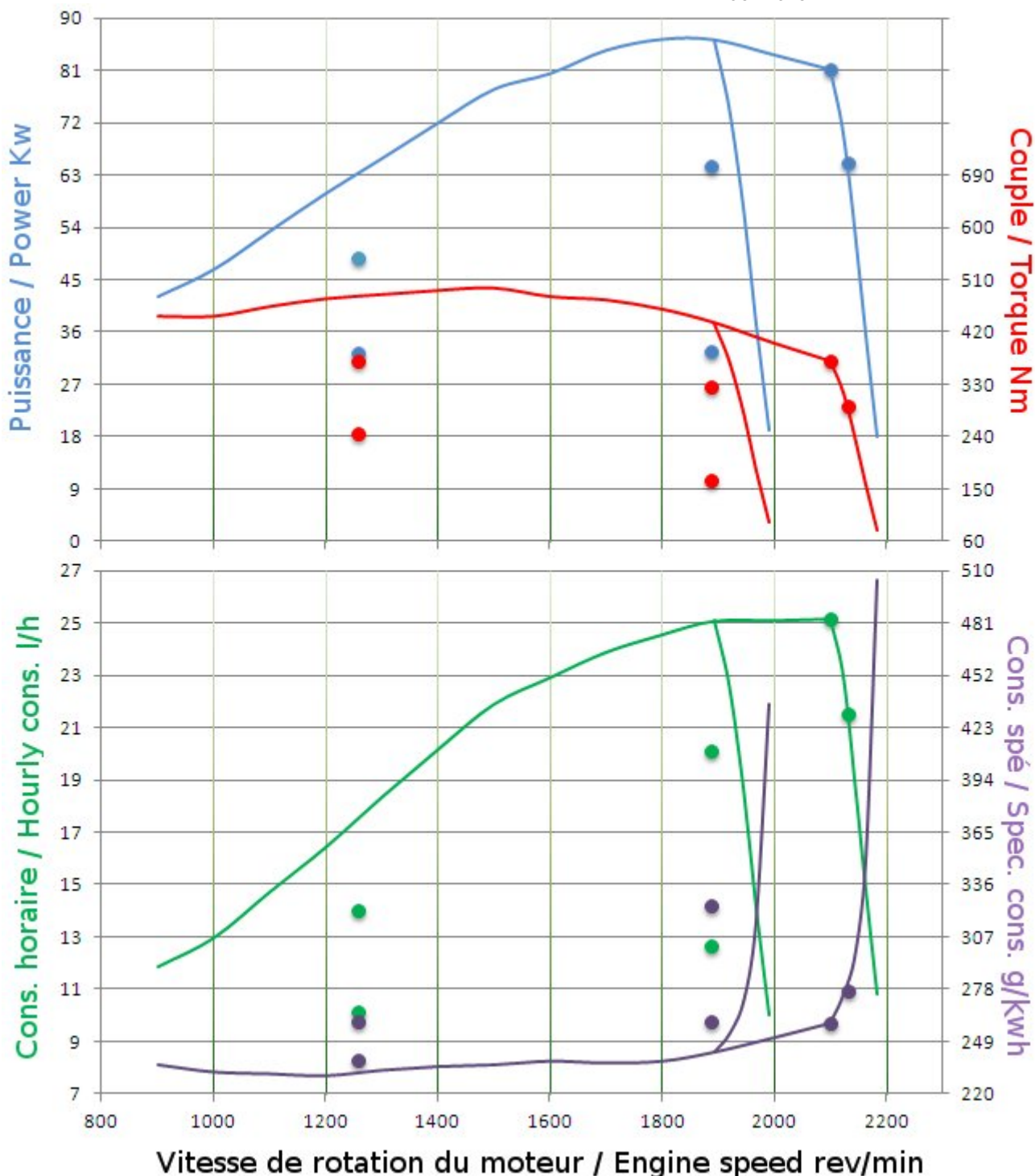
Manufacturer:  
Testing station:

2/2 714  
06/08/2012  
New Holland  
T6.165  
4 WD

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

New Holland T6.165  
4 RM/WD

OCDE/OECD 2/2 714



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	CNH	F4DFE613E
<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 2,2	to 38,4 km/h
<i>Standard Power take-off speed</i>	540 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Power take-off speed at rated engine speed</i>	576 min <sup>-1</sup>	1109 min <sup>-1</sup>
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	6

**Power take-off Test**One hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	86,3 kW	1800 min <sup>-1</sup>	951 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		24,57 l/h	238 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	81,1 kW	2100 min <sup>-1</sup>	1109 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		25,17 l/h	259 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	86,2 kW	1893 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		25,09 l/h	243 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	494,5 Nm	1500 min <sup>-1</sup>	34,11 %
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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>	5960 kg	
<i>Maximum drawbar pull</i>	51,3 kN	Not
<i>at speed of</i>	3,55 km/h	Applicable
<i>Maximum power</i>	68,7 kW	
<i>at speed of</i>	5,32 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>	88,8 l/min	16,5 MPa	24,4 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	83,9 l/min	19,0 MPa	26,6 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		49,2 kN	38,3 kN