



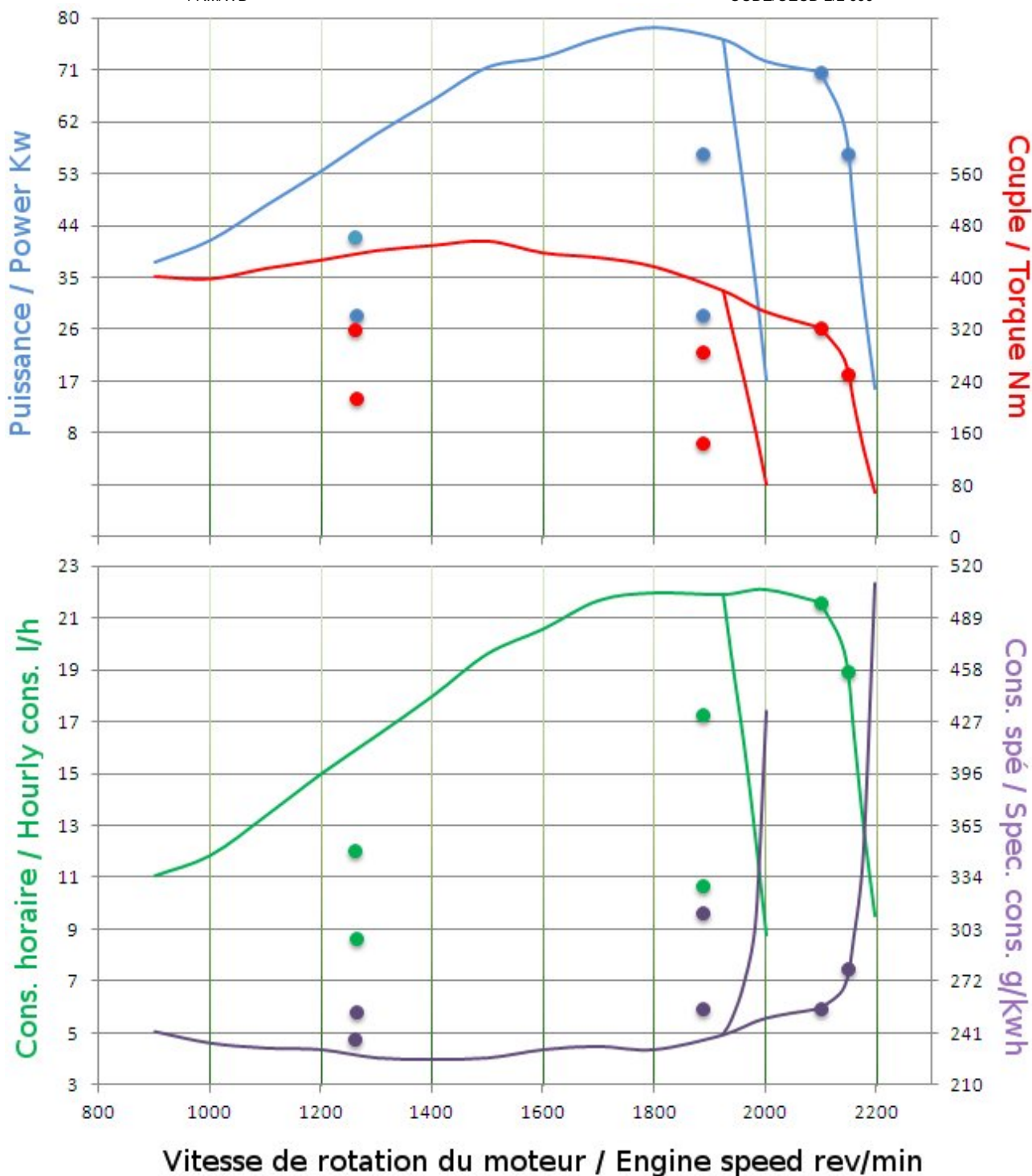
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 699
06/07/2012
New Holland
T6.120
4 WD
Semi-powershift - 40 km/h
CNH Europe Holding S.A.
IMAMOTER – Torino, Italy

New Holland T6.120
4 RM/WD

OCDE/OECD 2/2 699



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	F4DFE413C
<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
<u>Standard Power take-off speed</u>	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>	78,3 kW	1800 min ⁻¹	936 min ⁻¹
<i>Hourly and specific consumption</i>		21,98 l/h	231 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	70,6 kW	2100 min ⁻¹	1091 min ⁻¹
<i>Hourly and specific consumption</i>		21,62 l/h	256 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	76,2 kW	1924 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		21,92 l/h	240 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	454,8 Nm	1500 min ⁻¹	41,58 %
---	----------	------------------------	---------

Drawbar Test

<i>Front tyres, Rear tyres</i>	480/65R28	600/65R38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	5240 kg	
<i>Maximum drawbar pull</i>	43,8 kN	Not
<i>at speed of</i>	2,98 km/h	Applicable
<i>Maximum power</i>	63,0 kW	
<i>at speed of</i>	8,79 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>	68,8 l/min	17,0 MPa	19,5 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	61,7 l/min	18,5 MPa	19,0 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		37,7 kN	29,9 kN