



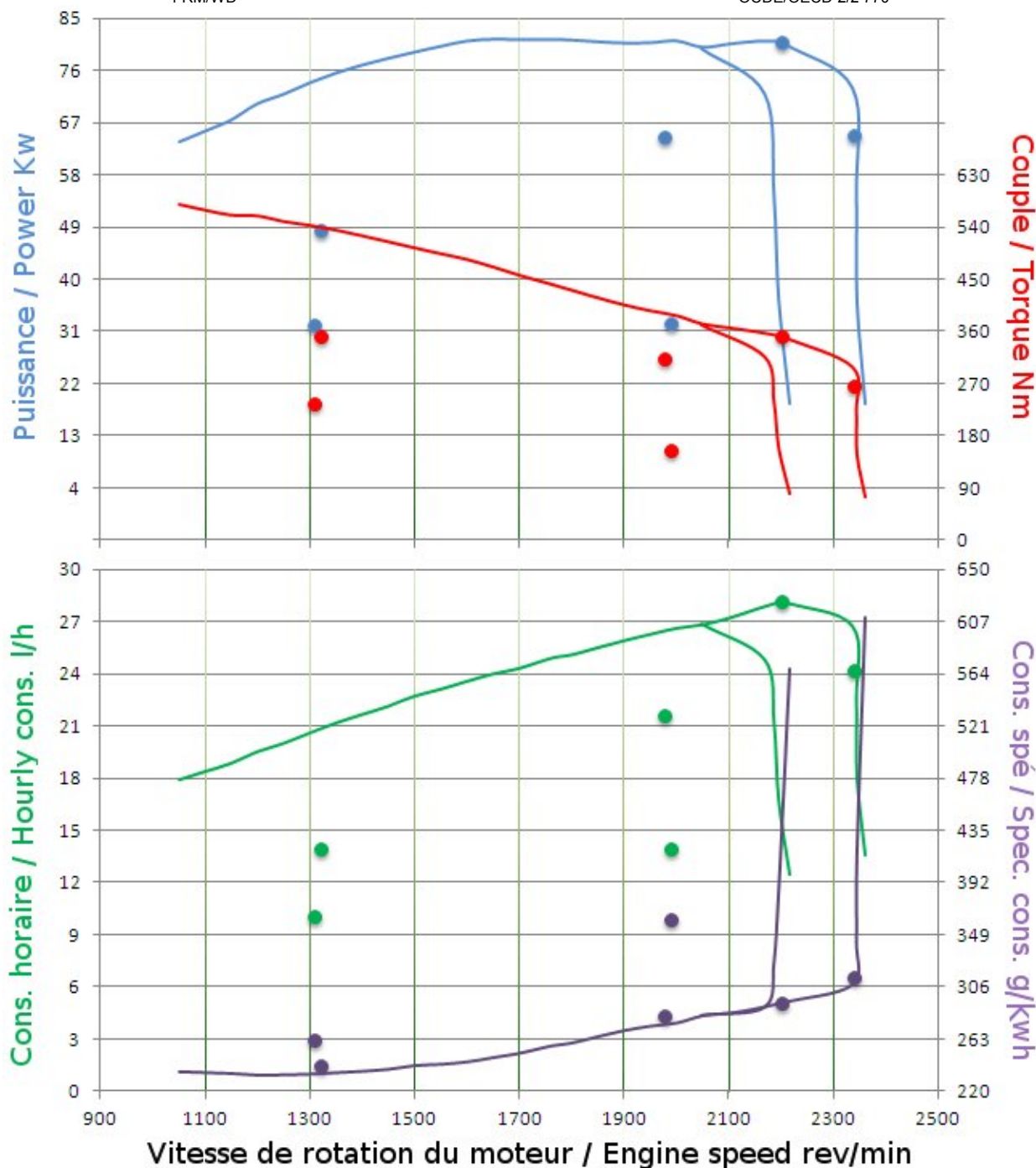
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 770
04/07/2013
New Holland
TS6.125 AP
4WD
Power Shuttle - 30 km/h
CNH de Mexico, S.A. de C.V.
Nebraska Tractor Test Laboratory
Lincoln, Nebraska U.S.A.

New Holland TS6.125 AP
4 RM/WD

OCDE/OECD 2/2 770



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	FPT	NEF Series, F4CE9684K-J606	
<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>		8	8
<i>Speed at rated engine speed</i>		from 2,68	to 28,68 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>		628 min ⁻¹	1074 min ⁻¹
<i>Diameter of the shaft</i>		35 mm	35 mm
<i>Number of splines</i>		6	21

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	81,24 kW	1760 min ⁻¹	859 min ⁻¹
<i>Hourly and specific consumption</i>		24,91 l/h	257 g/kWh
<u>Test at maximum power at rated engine speed</u>			
<i>Power, Engine and Power take-off speed</i>	80,93 kW	2200 min ⁻¹	1074 min ⁻¹
<i>Hourly and specific consumption</i>		28,19 l/h	292 g/kWh
<u>Test at standard Power take-off speed</u>			
<i>Power, Engine and Power take-off speed</i>	79,90 kW	2049 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		26,85 l/h	282 g/kWh
<u>Torque rise</u>			64,5 %
<u>Maximum torque, Engine speed corresponding</u>		585 Nm	1000 min ⁻¹

Drawbar Test

<i>Front tyres, Rear tyres</i>	14.9x24	18.4x34
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	4815 kg	
<i>Maximum drawbar pull</i>	38,15 kN	Not
<i>at speed of</i>	5,18 km/h	Applicable
<i>Maximum power</i>	71,41 kW	
<i>at speed of</i>	11,59 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Open centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	58,7 l/min	12,22 MPa	12,0 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	65,9 l/min	11,89 MPa	13,1 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		26,4 kN	20,5 kN