



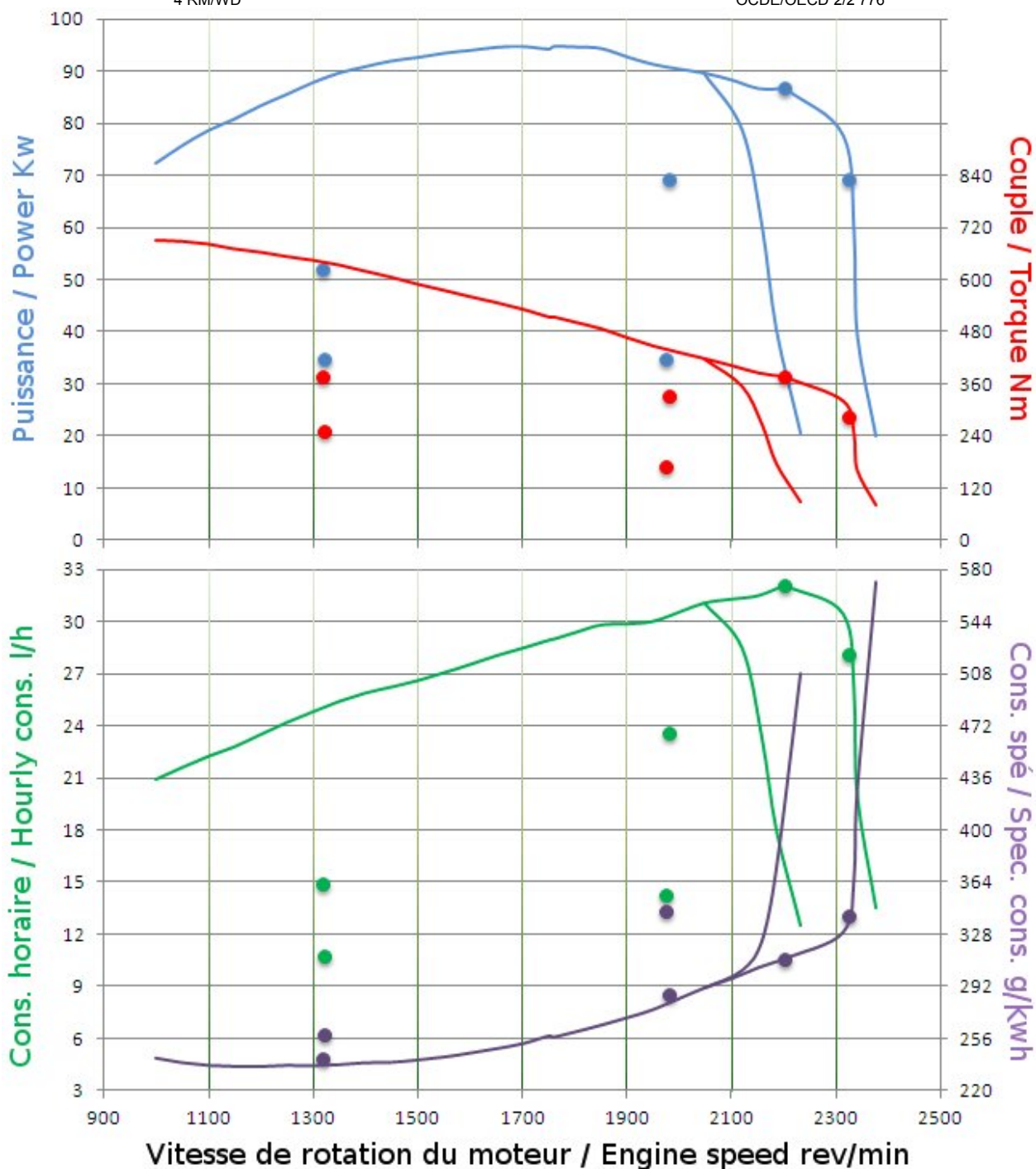
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 776
24/07/2013
New Holland
TS6.140 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 TS6.140 AP
4 RM/WD

OCDE/OECD 2/2 776



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 2,85	to 30,54 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>	94,31 kW	1750 min ⁻¹	854 min ⁻¹
<i>Hourly and specific consumption</i>		28,94 l/h	258 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	86,70 kW	2200 min ⁻¹	1074 min ⁻¹
<i>Hourly and specific consumption</i>		32,10 l/h	311 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	89,65 kW	2049 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		31,10 l/h	291 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		691,4 Nm	1000 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	14.9-28	18.4-38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	4990 kg	
<i>Maximum drawbar pull</i>	40,20 kN	Not
<i>at speed of</i>	5,43 km/h	Applicable
<i>Maximum power</i>	82,90 kW	
<i>at speed of</i>	12,27 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>	47,8 l/min	15,20 MPa	12,1 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	49,8 l/min	15,93 MPa	13,2 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		35,7 kN	27,5 kN