



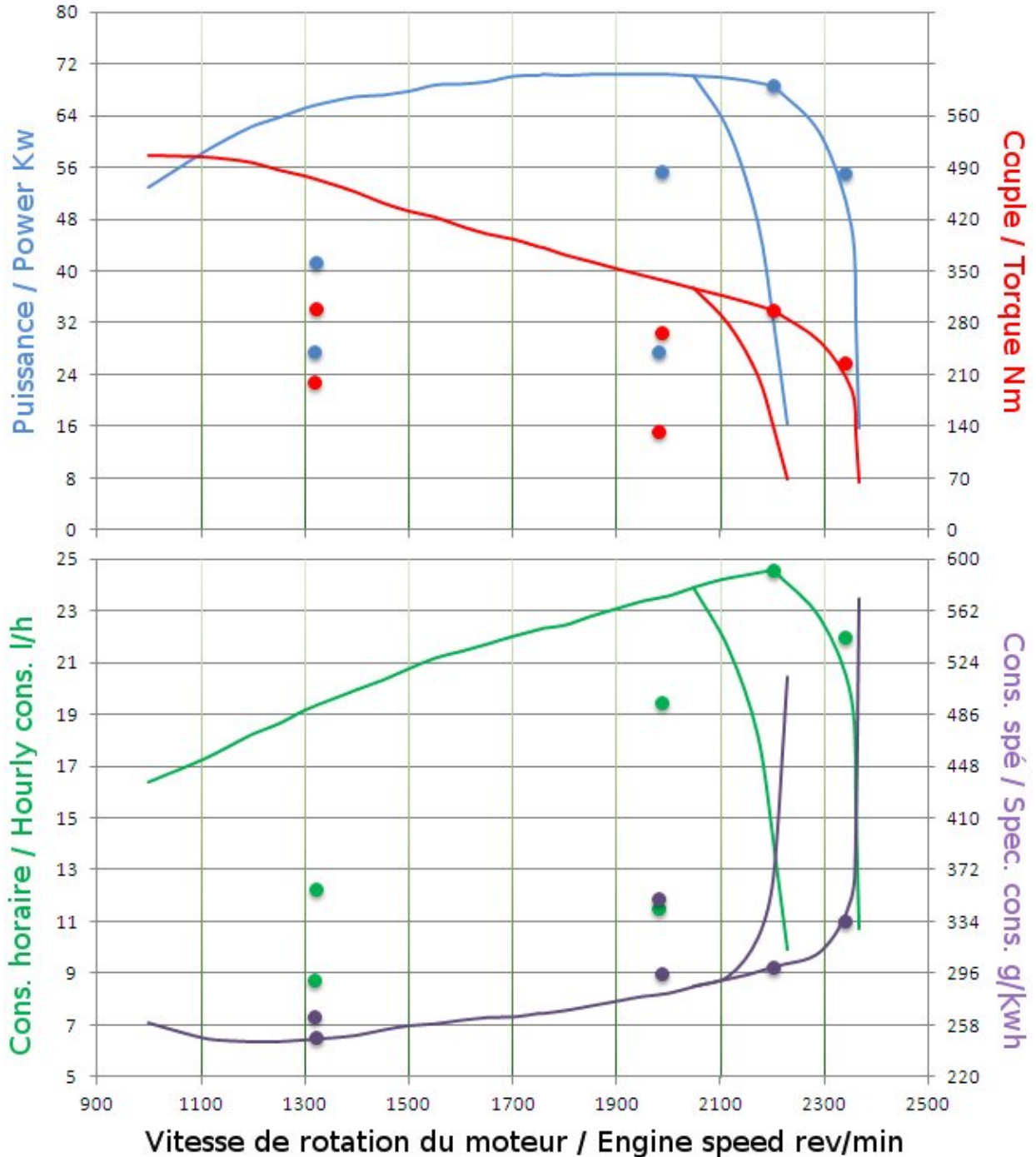
OECD approval number
OECD approval date
Make
Model
Type

2/2 769
 04/07/2013
 New Holland
 TS6.110 AP
 4WD
 Power Shuttle - 30 km/h
 CNH de Mexico, S.A. de C.V.
 Nebraska Tractor Test Laboratory
 Lincoln, Nebraska U.S.A.

Manufacturer:
Testing station:

New Holland TS6.110 AP
4 RM/WD

OCDE/OECD 2/2 769



Engine, Transmission, Power take-off Specifications

	FPT	NEF Series, F4CE9484G-J607	
<i>Make, Model</i>	Direct injection		Yes
<i>Type, Supercharging</i>			vertical in line
<i>Cylinders, Disposition</i>	4		Liquid
<i>Capacity, Cooling</i>	4485 cm ³		Power Shuttle
<i>Gear box</i>		8	8
<i>Number of forward and reverse speeds</i>		from 2,68	to 28,68 km/h
<i>Speed at rated engine speed</i>		540 min ⁻¹	1000 min ⁻¹
<u>Standard Power take-off speed</u>		628 min ⁻¹	1074 min ⁻¹
<i>Power take-off speed at rated engine speed</i>		35 mm	35 mm
<i>Diameter of the shaft</i>		6	21
<i>Number of splines</i>			

Power take-off Test

One hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	70,22 kW	1801 min ⁻¹	879 min ⁻¹
<i>Hourly and specific consumption</i>		22,45 l/h	268 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	68,64 kW	2200 min ⁻¹	1074 min ⁻¹
<i>Hourly and specific consumption</i>		24,58 l/h	301 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	70,15 kW	2049 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		23,91 l/h	286 g/kWh

Torque rise

<u>Maximum torque, Engine speed corresponding</u>		507,5 Nm	1051 min ⁻¹
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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>		4383 kg	
<i>Maximum drawbar pull</i>		33,95 kN	<i>Not</i>
<i>at speed of</i>		5,10 km/h	<i>Applicable</i>
<i>Maximum power</i>		62,67 kW	
<i>at speed of</i>		12,09 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>	47,1 l/min	14,15 MPa	11,1 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	48,9 l/min	14,28 MPa	11,6 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		17,4 kN	13,8 kN