



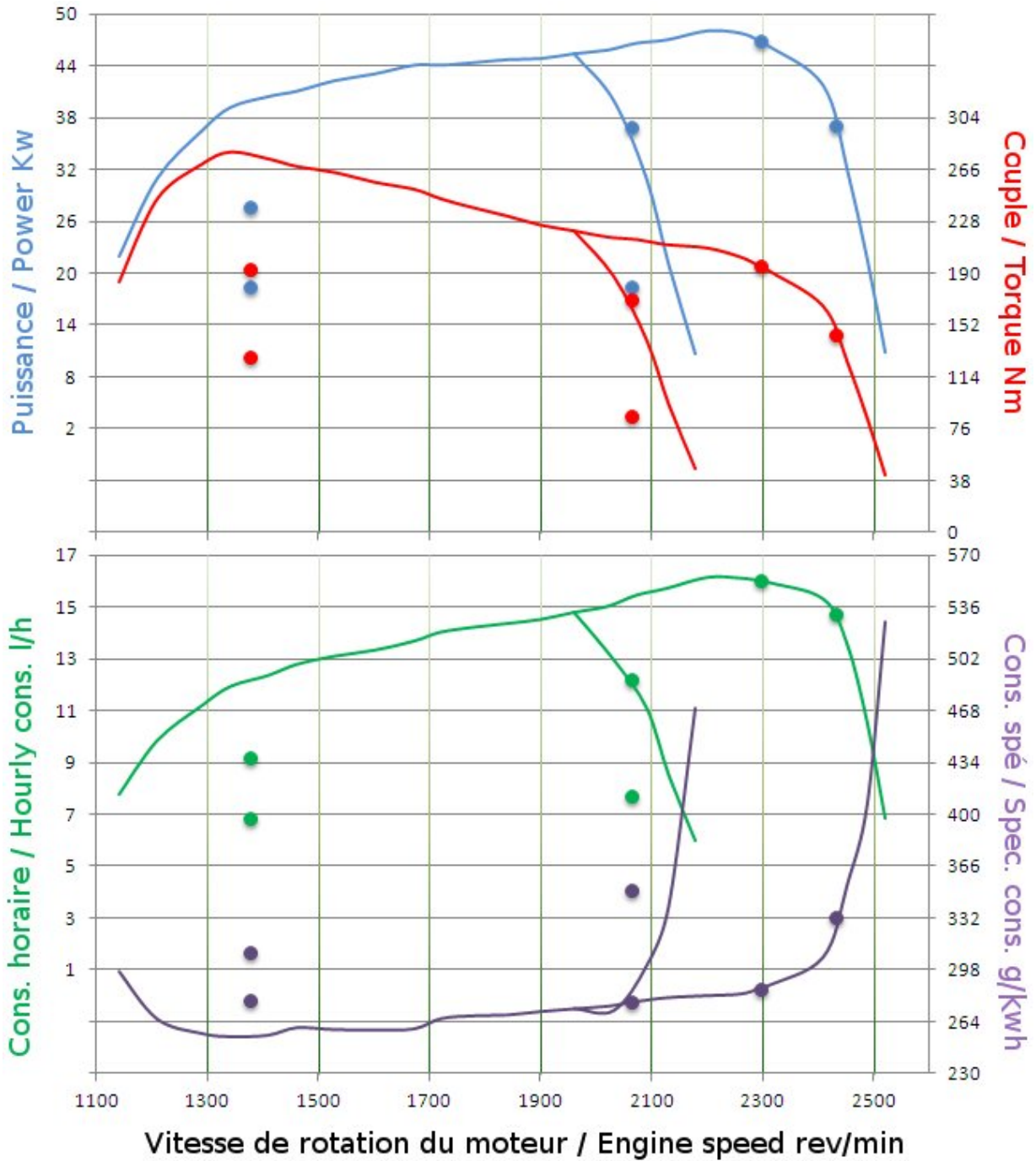
OECD approval number
OECD approval date
Make
Model
Type

2/2 749
22/02/2013
New Holland
T4.75
2WD
 Mechanical - 30 km/h
 CNH EUROPE HOLDING S.A.
 DISTAL – Bologna, Italy

Manufacturer:
Testing station:

New Holland T4.75
2 RMWD

OCDE/OECD 2/2 749



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	FPT Industrial		F5AE9454K
<i>Type, Supercharging</i>	Direct injection		Yes
<i>Cylinders, Disposition</i>	4		vertical in line
<i>Capacity, Cooling</i>	3200 cm ³		Liquid
<i>Gear box</i>			Mechanical
<i>Number of forward and reverse speeds</i>		8	8
<i>Speed at rated engine speed</i>		from 2,54	to 32,42 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>		634 min ⁻¹	
<i>Diameter of the shaft</i>		35 mm	Not
<i>Number of splines</i>		6	Applicable

Power take-off Test

One hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	48,1 kW	2200 min ⁻¹	607 min ⁻¹
<i>Hourly and specific consumption</i>		16,12 l/h	281 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	46,9 kW	2296 min ⁻¹	633 min ⁻¹
<i>Hourly and specific consumption</i>		16,00 l/h	286 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	45,4 kW	1960 min ⁻¹	541 min ⁻¹
<i>Hourly and specific consumption</i>		14,78 l/h	273 g/kWh

Torque rise

<u>Maximum torque, Engine speed corresponding</u>		279,4 Nm	1340 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>		7.50-16	420/85 R30
<u>Test with tractor</u>		unballasted	ballasted
<i>Total Mass</i>		2575 kg	
<i>Maximum drawbar pull</i>		16,08 kN	
<i>at speed of</i>		5,14 km/h	Not
<i>Maximum power</i>		35,00 kW	Applicable
<i>at speed of</i>		14,91 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>	44,9 l/min	17,9 MPa	13,4 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>		Not	Applicable
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		15,59 kN	12,47 kN