

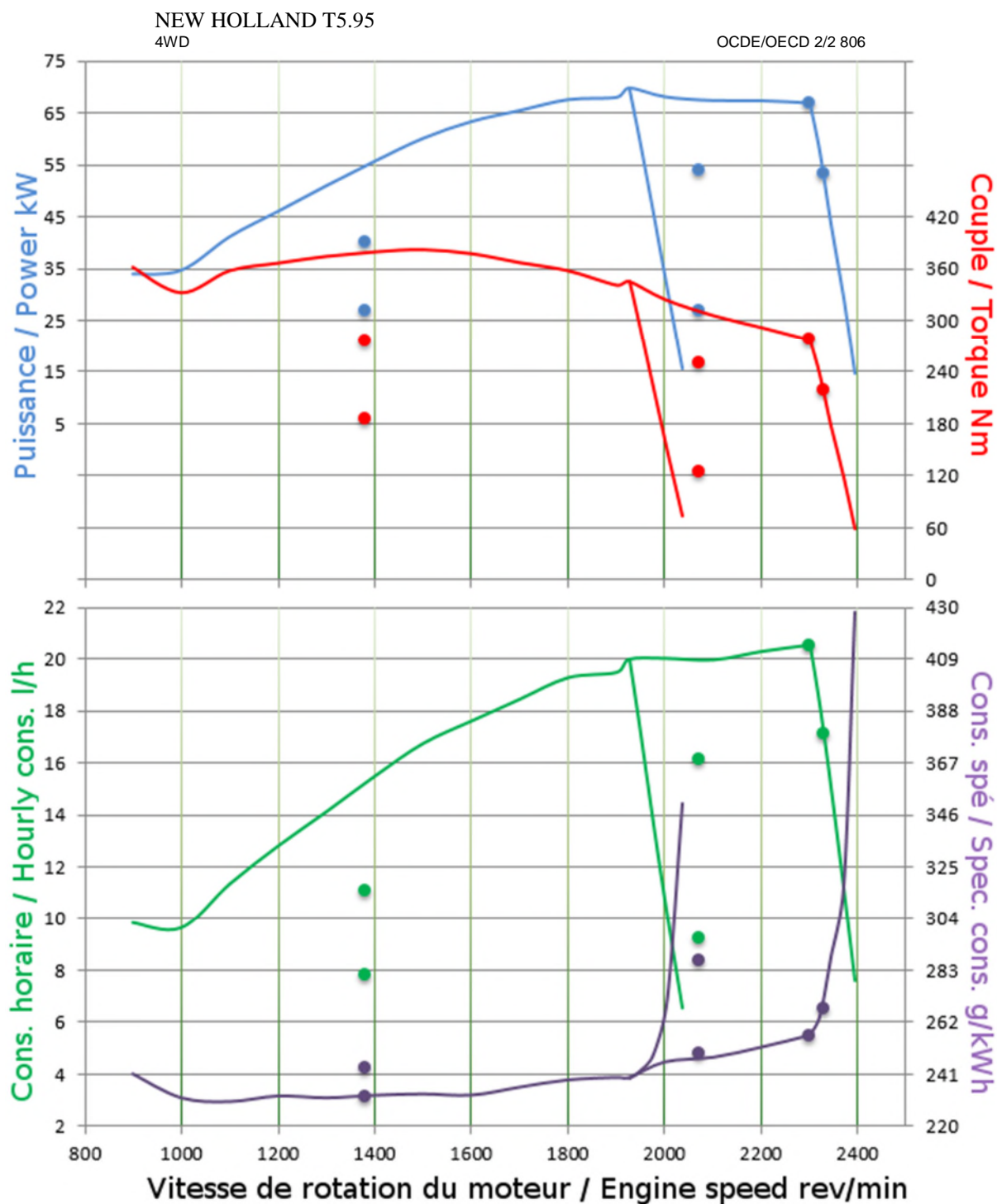


OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 806
05/02/2014
NEW HOLLAND
T5.95
4WD

Mechanical - 30 km/h
CNH Europe Holding S.A.
IMAMOTER – Torino, Italy



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	FTP Industrial	F5DFL413K
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3387 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	12	12
<i>Speed at rated engine speed</i>	from 1.87	to 30.84 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>	641 min ⁻¹	1194 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>	69.6 kW	1926 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		19.98 l/h	240 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	66.8 kW	2300 min ⁻¹	1194 min ⁻¹
<i>Hourly and specific consumption</i>		20.53 l/h	257 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	69.6 kW	1926 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		19.98 l/h	240 g/kWh

Torque rise

37.8 %

Maximum torque, Engine speed corresponding382.1 Nm 1500 min⁻¹**Drawbar Test**

<i>Front tyres, Rear tyres</i>	380/85 R 24	460/85 R 34
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	4240 kg	4880 kg
<i>Maximum drawbar pull</i>	36.7 kN	40.0 kN
<i>at speed of</i>	1.71 km/h	1.71 km/h
<i>Maximum power</i>	53.2 kW	53.0 kW
<i>at speed of</i>	8.87 km/h	8.76 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>	57.5 l/min	16.5 MPa	15.8 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	53.7 l/min	17.4 MPa	15.6 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		35.4 kN	29.0 kN