



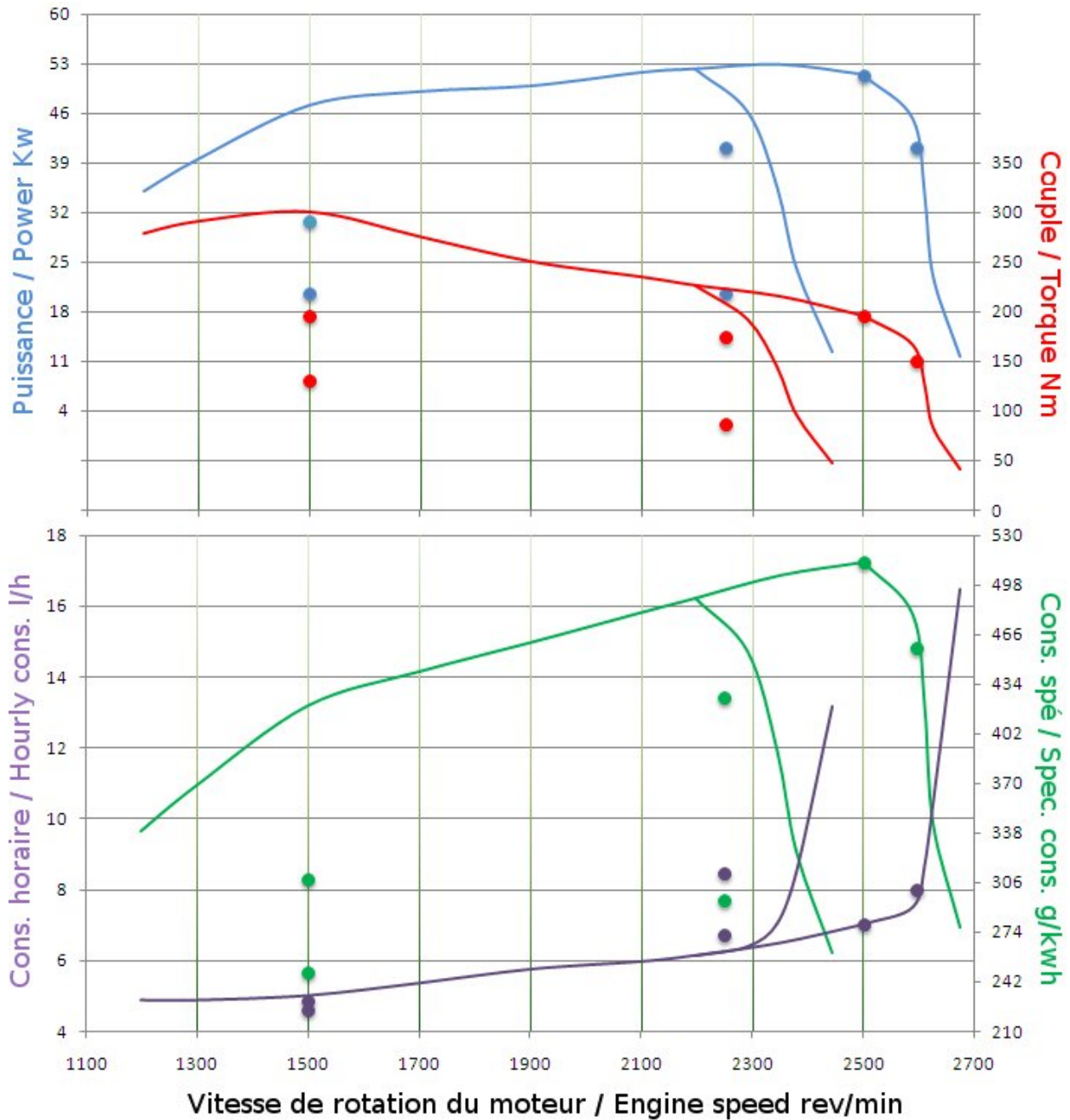
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 592
03/03/2011
New Holland
TD85D
4WD
Mechanical, - 30 km/h
Türk Traktör ve Ziraat Mak.A.Ş.
TAMTEST, Ankara, Turkey

New Holland TD85D
4 RM/WD

OCDE/OECD 2/2 592



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	TTF	8045.25.939T
<i>Type, Supercharging</i>	Diesel	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3908 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 1,84	to 30,42 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>	614 min ⁻¹	
<i>Diameter of the shaft</i>	35 mm	Not
<i>Number of splines</i>	6	Applicable

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	52,8 kW	2350 min ⁻¹	577 min ⁻¹
<i>Hourly and specific consumption</i>		16,88 l/h	266 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	51,4 kW	2500 min ⁻¹	614 min ⁻¹
<i>Hourly and specific consumption</i>		17,25 l/h	279 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	52,2 kW	2198 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		16,24 l/h	259 g/kWh

Torque rise

<u>Maximum torque, Engine speed corresponding</u>	300 Nm	1500 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	13.6R24	18.4R34
<u>Test with tractor</u>	unballasted	ballasted
<i>Total Mass</i>	3739 kg	
<i>Maximum drawbar pull</i>	24.35 kN	
<i>at speed of</i>	3,46 km/h	Not
<i>Maximum power</i>	45,7 kW	Applicable
<i>at speed of</i>	7,98 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Open center
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	30,4 l/min	1,4 MPa	7,1 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	36,7 l/min	1,5 MPa	0,9 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		21,8 kN	15,2 kN