



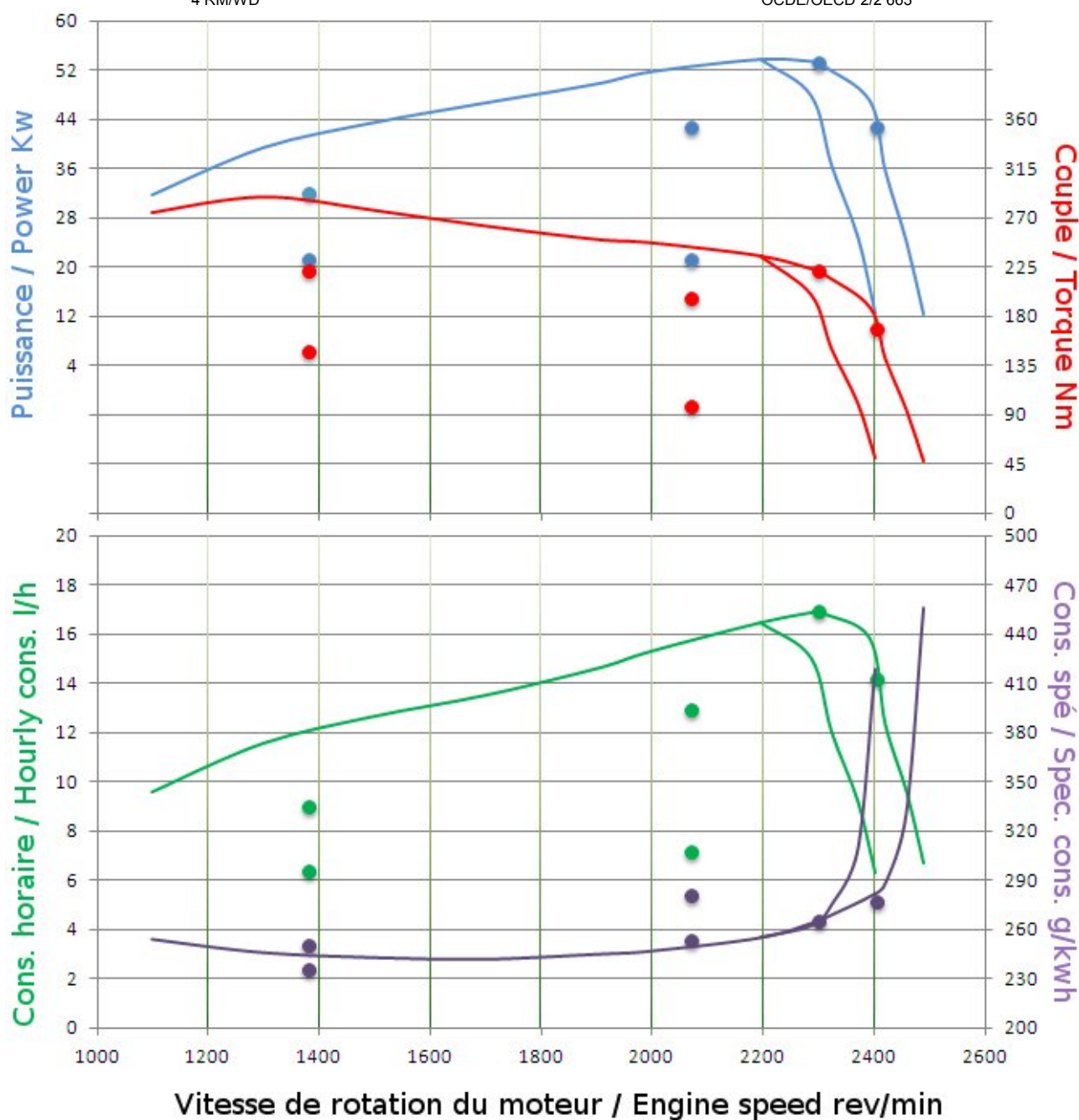
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 663
21/12/2011
New Holland
TD80B
4 WD
Mechanical - 40 km/h
Türk Traktör ve Ziraat Mak.A.Ş.
TAMTEST, Ankara, Turkey

New Holland TD80B
4 RM/WD

OCDE/OECD 2/2 663



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	TTF	8035.25E.313T
<i>Type, Supercharging</i>	Direct Injection	Yes
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	2930 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 2,07	to 36.75 km/h
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	566 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>	53,7 kW	2196 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		16,44 l/h	255 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	53,3 kW	2300 min ⁻¹	566 min ⁻¹
<i>Hourly and specific consumption</i>		16,90 l/h	265 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	53,7 kW	2196 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		16,44 l/h	255 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		288,4 Nm	1300 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	280/70R18	380/70R28
<i>Test with tractor</i>	unballasted	ballasted
<i>Total Mass</i>	2708 kg	
<i>Maximum drawbar pull</i>	23,93 kN	Not
<i>at speed of</i>	5,94 km/h	Applicable
<i>Maximum power</i>	45,2 kW	
<i>at speed of</i>	10,37 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Open centre
<i>At maximum hydraulic power</i>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	30,4 l/min	16,0 MPa	8,1 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	30,4 l/min	16,0 MPa	8,1 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		24,6 kN	16,4 kN