



OECD approval number
OECD approval date
Make
Model
Type

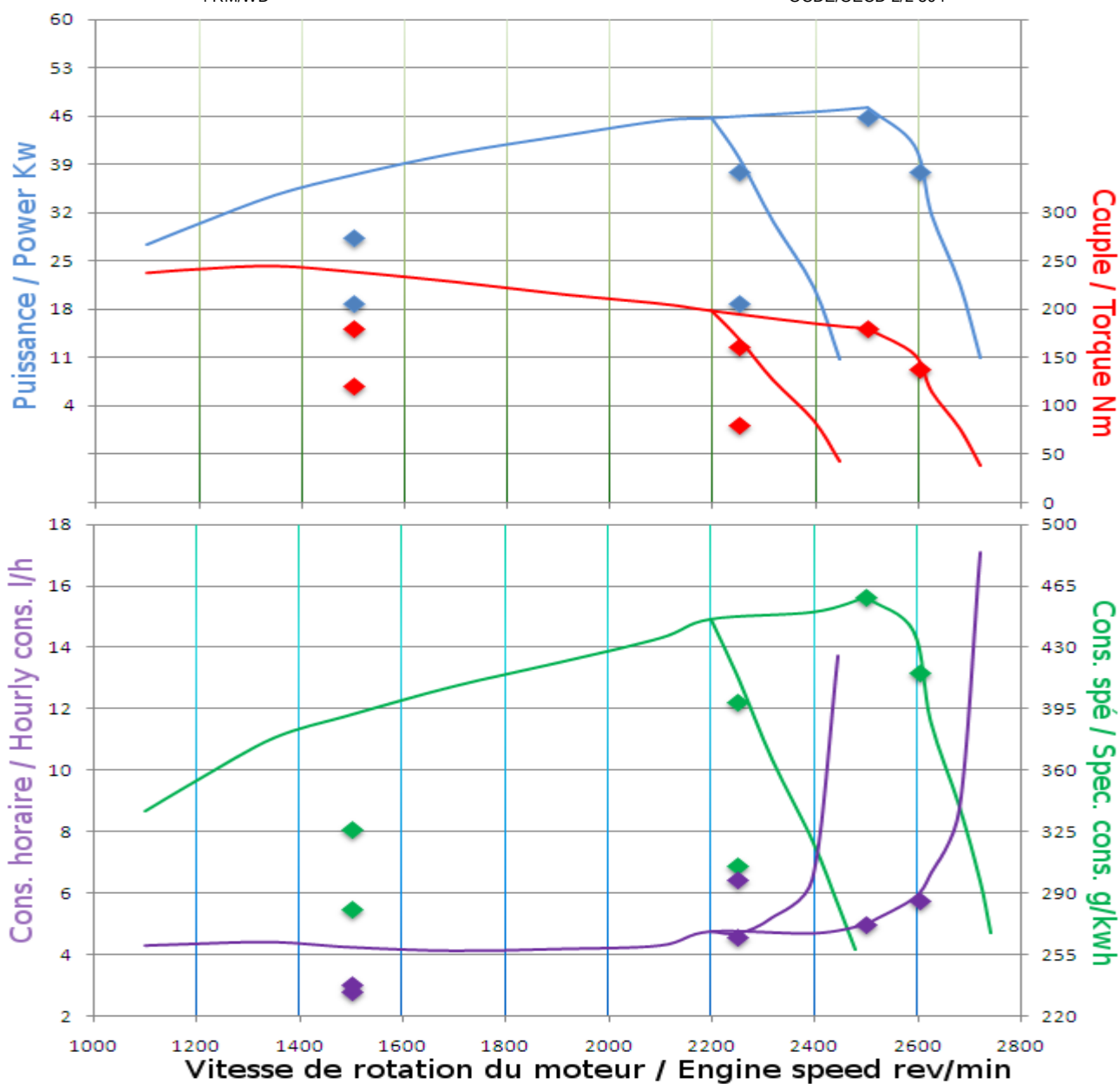
Manufacturer:

Testing station:

2/2 594
08/03/2011
NEW HOLLAND
TD80D
4 WD
mechanical transmission - 30 km/h
TÜRK TRAKTÖR ve ZIRAAT
MAKINALARI A.Ş.
TAMTEST, Ankara-TURKiYE

NEW HOLLAND TD80D
4 RMWD

OCDE/OECD 2/2 594



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	TTF	8045.05R.939T
<i>Type, Supercharging</i>	Diesel	no
<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
<i>Speed at rated engine speed</i>	from 1,67	to 27,48 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>	614 min ⁻¹	1050 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	6

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	47,3 kW	2500 min ⁻¹	614 min ⁻¹
<i>Hourly and specific consumption</i>		15,64 l/h	272 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	47,3 kW	2500 min ⁻¹	614 min ⁻¹
<i>Hourly and specific consumption</i>		15,64 l/h	272 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	45,8 kW	2198 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		14,92 l/h	268 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	245,00 Nm		1350 min ⁻¹
---	-----------	--	------------------------

Drawbar Test

<i>Front tyres, Rear tyres</i>	320/70R24	480/70R30
<i>Test with tractor</i>	unballasted	ballasted
<i>Total Mass</i>	3315 kg	
<i>Maximum drawbar pull</i>	27,39 kN	Not
<i>at speed of</i>	4,99 km/h	required
<i>Maximum power</i>	41,6 kW	
<i>at speed of</i>	8,75 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>	29,2 l/min	14,5 MPa	7,1 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	35,6 l/min	1,5 MPa	0,9 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		21,6 kN	16,5 kN