



OECD approval number

2/2 175

Restricted Code

OECD approval date

11/10/2004

Make

New Holland

Model

TD 80 D

Type

4 WD

D3S7AA - 12 speeds - 30 km/h

Manufacturer

TÜRK TRAKTÖR ve ZIRAAT MAKINALARI A.S.

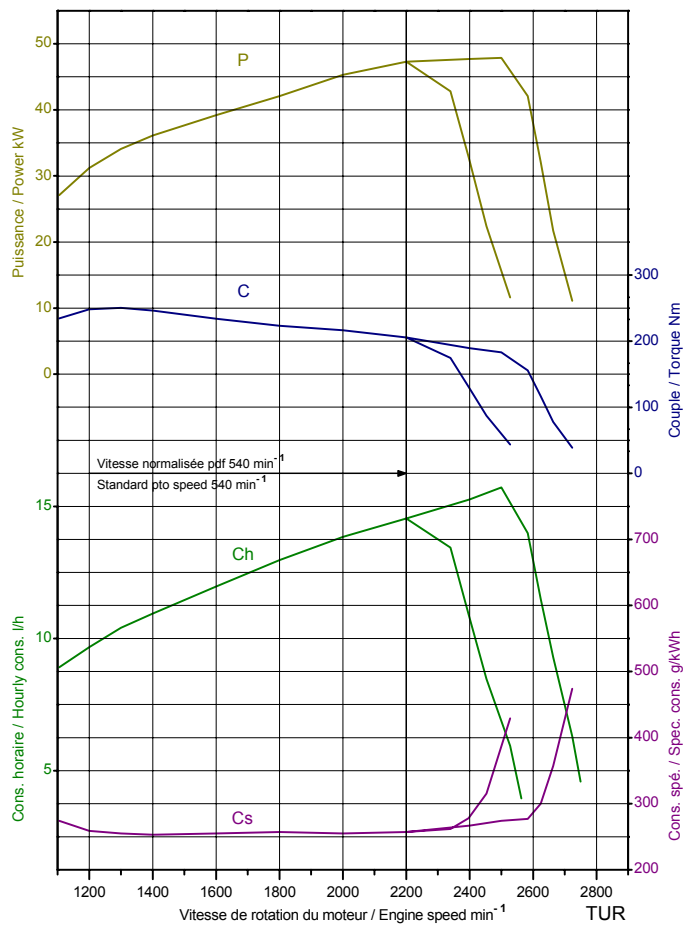
Testing station:

TAMTEST, Ankara, Turkey

New Holland TD 80 D

4 RM/WD

OCDE/OECD 2/2175



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Iveco	8045.05 R
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3908 cm ³	By water
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>	12	12
<i>Speed at rated engine speed</i>	from 1.77	to 29.25 km/h
<u>Standard Power take-off speed</u>	<u>540 min⁻¹</u>	<u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>	614 min ⁻¹	1050 min ⁻¹
<i>Diameter of the shaft</i>	34.9 mm	34.9 mm
<i>Number of splines</i>	6	21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	47.9 kW	2500 min ⁻¹	614 min ⁻¹
<i>Hourly and specific consumption</i>		15.72 l/h	274 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	47.9 kW	2500 min ⁻¹	614 min ⁻¹
<i>Hourly and specific consumption</i>		15.72 l/h	274 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	47.3 kW	2200 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		14.54 l/h	257 g/kWh

Torque rise

		36.7 %
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<u>Maximum torque, Engine speed corresponding</u>	250.5 Nm	1300 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	13.6 R 24	16.9 R 34
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	3307 kg	
<i>Maximum drawbar pull</i>	27.8 kN	Not
<i>at speed of</i>	2.49 km/h	required
<i>Maximum power</i>	38.6 kW	in
<i>at speed of</i>	9.45 km/h	Code 2

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Opened centre
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	53.7 l/min	12.0 MPa 10.7 kW
<u>Maximum lifting force</u>		
<i>at hitch points, at frame</i>		20.0 kN 14.4 kN