



OECD approval number

2/2 013

Restricted Code

OECD approval date

05/11/2002

Make

New Holland

Model

TD 65 D

Type

4 WD

12 speeds - 30 km/h

Manufacturer

TÜRK TRAKTÖR ve ZIRAAT MAKINALARI A.S.

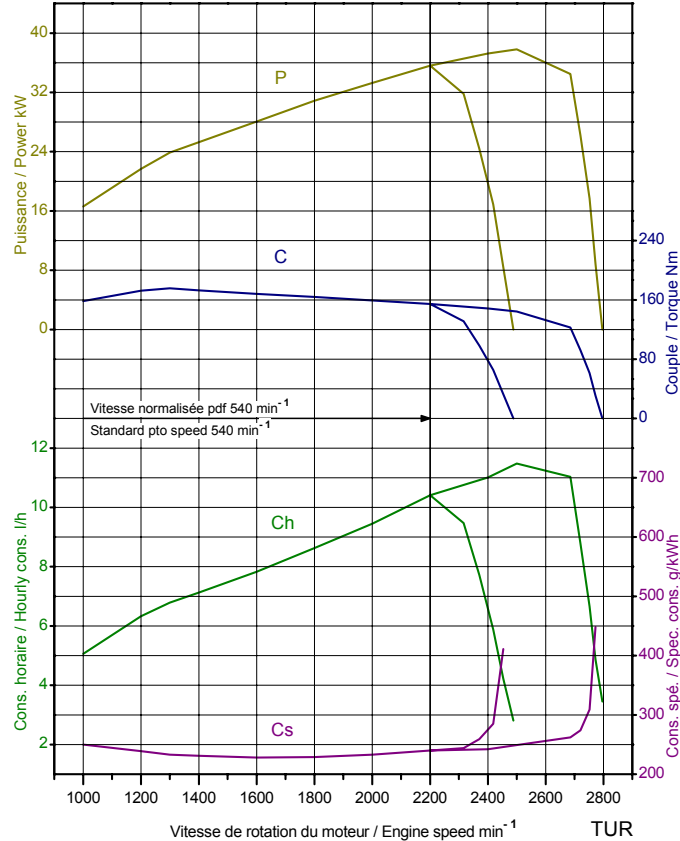
Testing station:

DAEMTC, Ankara, Turkey

New Holland TD 65 D

4 RM/WD (12 vitesses/speeds - 30 km/h)

OCDE/OECD 2/2013



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Iveco	8035.05-406
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	2931 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 1.71 to 28.21 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 None
<i>Diameter of the shaft</i>		34.9 mm
<i>Number of splines</i>		6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	37.8 kW	2500 min ⁻¹	614 min ⁻¹
<i>Hourly and specific consumption</i>		11.48 l/h	249 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	37.8 kW	2500 min ⁻¹	614 min ⁻¹
<i>Hourly and specific consumption</i>		11.48 l/h	249 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	35.6 kW	2200 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		10.41 l/h	240 g/kWh

Torque rise

		21.8 %
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<u>Maximum torque, Engine speed corresponding</u>	175.8 Nm	1300 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	9.5 - 24	14.9 - 30
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	2780 kg	
<i>Maximum drawbar pull</i>	17.8 kN	Not
<i>at speed of</i>	1.65 km/h	required
<i>Maximum power</i>	30.9 kW	in
<i>at speed of</i>	13.83 km/h	Code 2

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Opened centre
<i>Maximum lifting force at hitch points, at frame</i>	23.9 kN	16.1 kN
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	31.5 l/min	15.0 MPa 7.9 kW

