



OECD approval number

2/2 056

Restricted Code

OECD approval date

02/04/2003

Make

New Holland

Model

TD 85 D

Type

2 WD

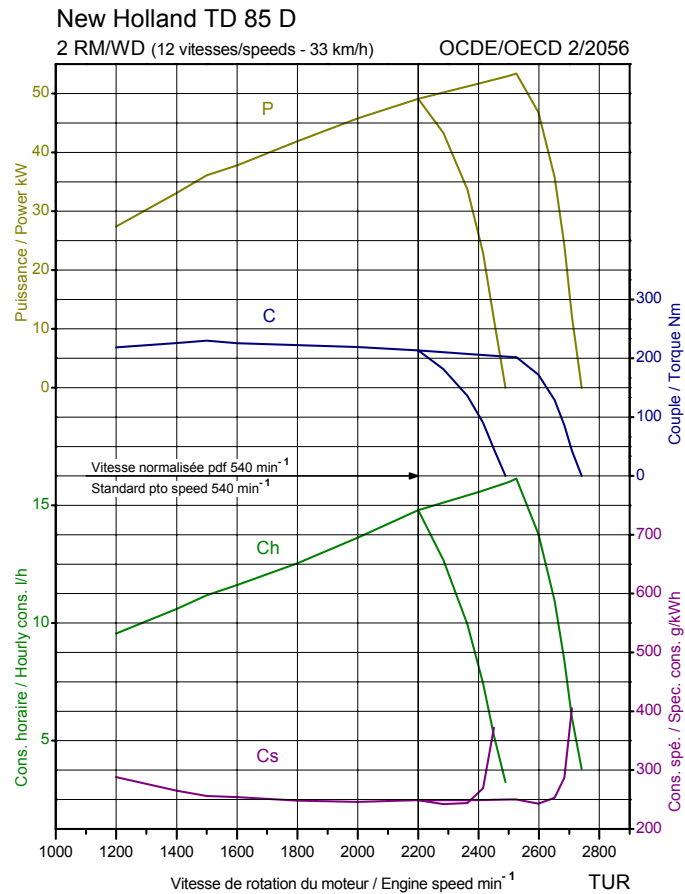
D 4 C 2 AC - 12 speeds - 33 km/h

Manufacturer

TÜRK TRAKTÖR ve ZIRAAT MAKINALARI A.S.

Testing station:

DAEMTC, Ankara, Turkey



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Iveco	8045.05 406
<i>Type, Supercharging</i>	Direct injection	None
<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 1.90	to 31.40 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 Test

Two hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	53.4 kW	2525 min ⁻¹	620 min ⁻¹
<i>Hourly and specific consumption</i>		16.14 l/h	250 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	53.0 kW	2500 min ⁻¹	614 min ⁻¹
<i>Hourly and specific consumption</i>		15.99 l/h	250 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	49.1 kW	2200 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		14.80 l/h	249 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		230.1 Nm	1500 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	7.50 - 18	18.4 - 30
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	2916 kg	
<i>Maximum drawbar pull</i>	15.4 kN	Not
<i>at speed of</i>	1.82 km/h	required
<i>Maximum power</i>	43.2 kW	in
<i>at speed of</i>	15.74 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>	30.2 l/min	16.0 MPa	8.1 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		23.3 kN	16.2 kN

