



OECD approval number

2/2 030

Restricted Code

OECD approval date

20/12/2002

Make

New Holland

Model

TD 85 D

Type

4 WD

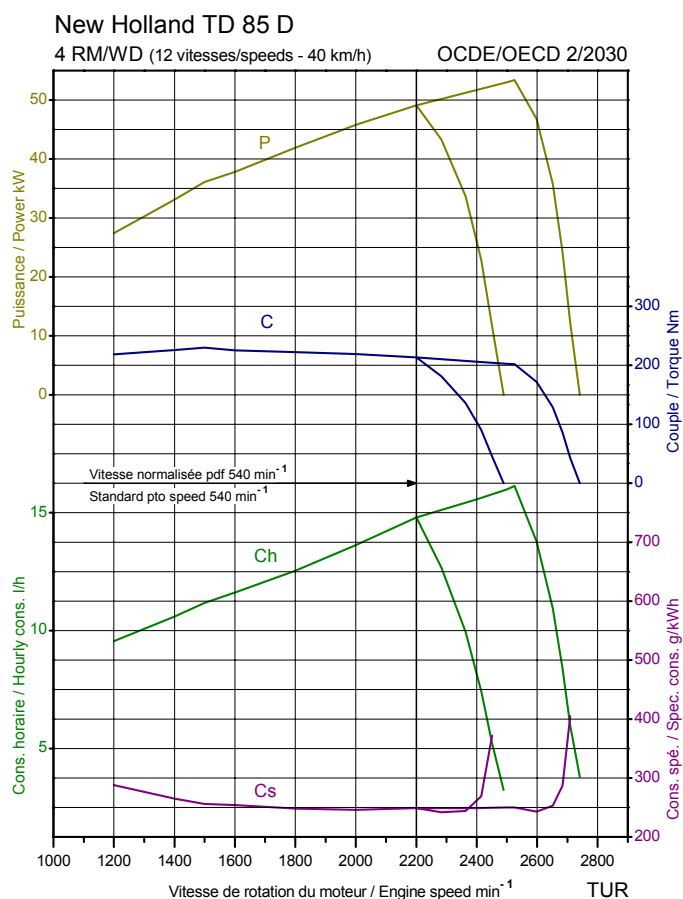
12 speeds - 40 km/h

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		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 2.09	to 34.55 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>	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*Front tyres, Rear tyres*

<u>Test with tractor</u>		<u>unballasted</u>	<u>ballasted</u>
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Total Mass

		3152 kg	
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Maximum drawbar pull

		19.6 kN	Not
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at speed of

		2.00 km/h	required
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Maximum power

		45.8 kW	in
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at speed of

		11.08 km/h	Code 2
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Power Lift and Hydraulic Performance Test*Hydraulic system*

			Opened centre
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Maximum lifting force at hitch points, at frame

		23.3 kN	16.2 kN
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	30.2 l/min	16.0 MPa	8.1 kW
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