



OECD approval number

2/2 147

Restricted Code

OECD approval date

16/07/2004

Make

New Holland

Model

TD 70 D

Type

4 WD

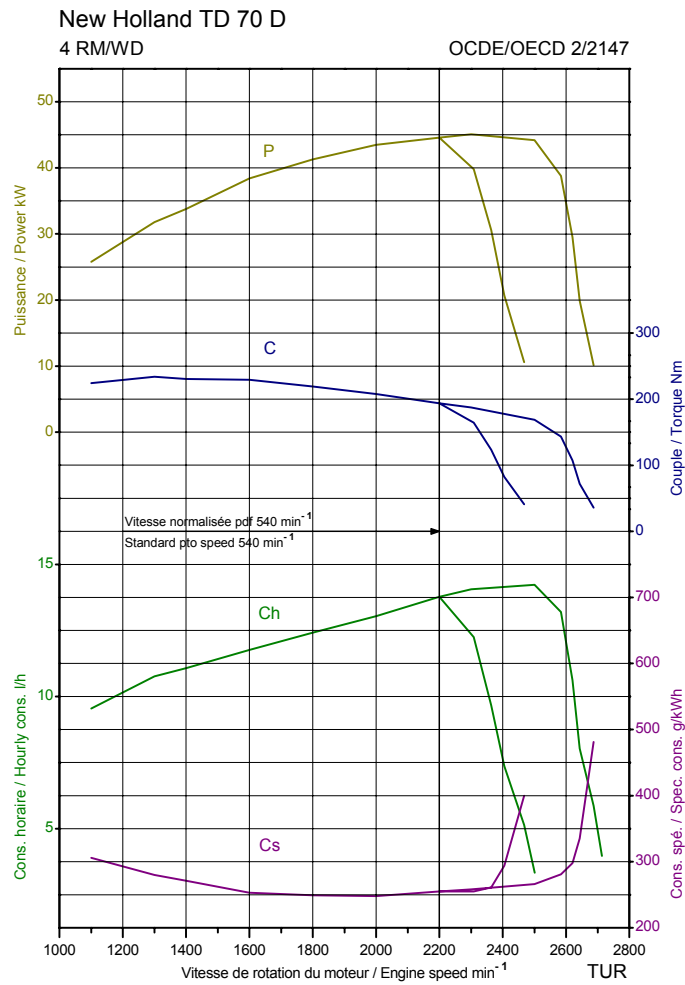
D2S7AA - 12 speeds - 30 km/h

Manufacturer

TÜRK TRAKTÖR ve ZIRAAT MAKINALARI A.S.

Testing station:

DAEMTC, Ankara, Turkey



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	CNH-Iveco	8035.25 C	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	3	vertical in line	
<i>Capacity, Cooling</i>	2931 cm <sup>3</sup>	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<sup>-1</sup></u>	<u>1000 min<sup>-1</sup></u>
<i>Power take-off speed at rated engine speed</i>		614 min <sup>-1</sup>	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>	45.1 kW	2300 min <sup>-1</sup>	565 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		14.06 l/h	258 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	44.2 kW	2500 min <sup>-1</sup>	614 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		14.23 l/h	266 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	44.6 kW	2200 min <sup>-1</sup>	540 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		13.77 l/h	255 g/kWh

Torque rise

<i>Maximum torque. Engine speed corresponding</i>		233.8 Nm	1300 min <sup>-1</sup>
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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>	20.6 kN	Not
<i>at speed of</i>	4.73 km/h	required
<i>Maximum power</i>	36.5 kW	in
<i>at speed of</i>	8.18 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>	34.4 l/min	18.5 MPa	10.6 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		25.8 kN	17.2 kN

