



OECD approval number

2/2 146

Restricted Code

15/07/2004

OECD approval date

Make

New Holland

Model

TD 70 D

Type

2 WD

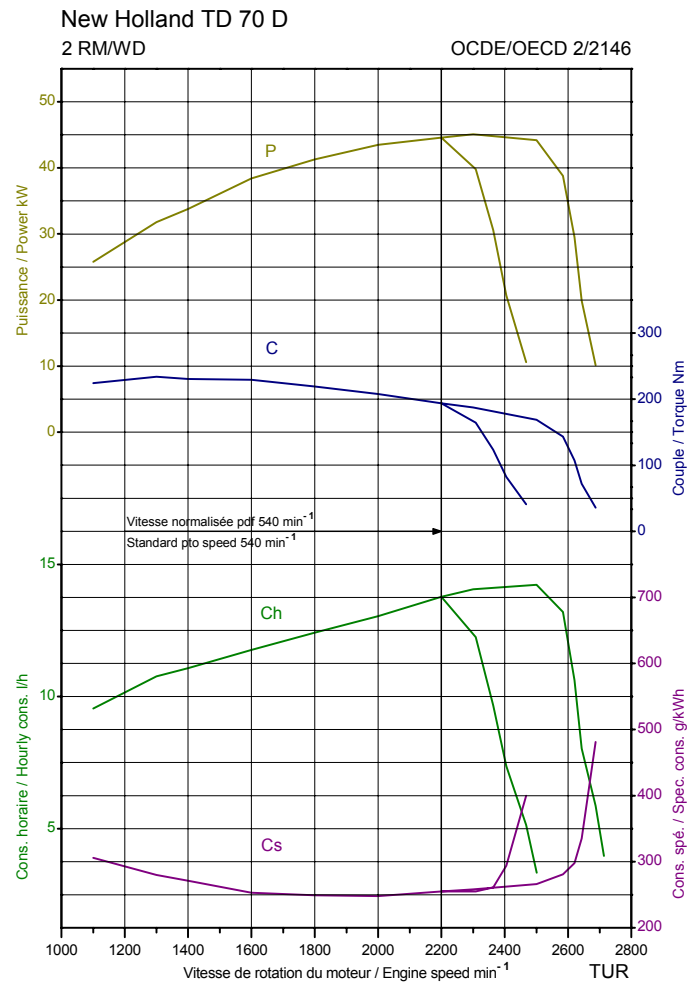
D2C2AC - 12 speeds - 33 km/h

Manufacturer

TÜRK TRAKTÖR ve ZIRAAT MAKINALARI A.S.

Testing station:

DAEMTC, Ankara, Turkey



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	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 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 1.90	to 31.35 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>	45.1 kW	2300 min ⁻¹	565 min ⁻¹
<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 ⁻¹	614 min ⁻¹
<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 ⁻¹	540 min ⁻¹
<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 ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	7.50 - 16	14.9 - 30
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	2726 kg	
<i>Maximum drawbar pull</i>	17.6 kN	Not
<i>at speed of</i>	1.79 km/h	required
<i>Maximum power</i>	36.3 kW	in
<i>at speed of</i>	8.83 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

