



OECD approval number

2/2 148

Restricted Code

OECD approval date

16/07/2004

Make

New Holland

Model

TD 70 D

Type

4 WD

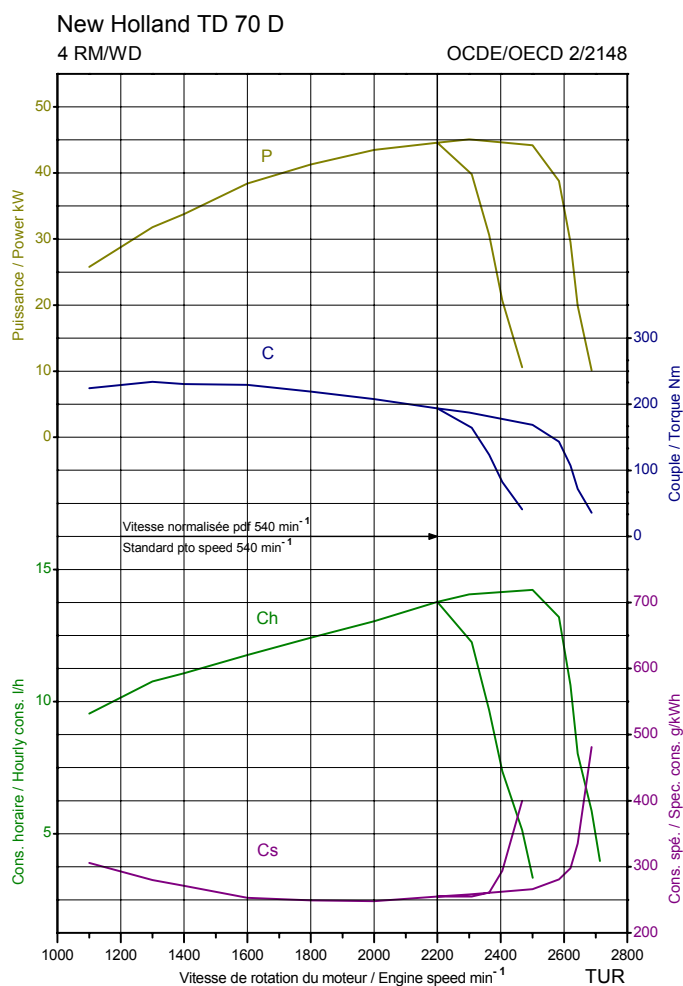
D2S7AB - 12 speeds - 40 km/h

Manufacturer

TÜRK TRAKTÖR ve ZIRAAT MAKINALARI A.S.

Testing station:

DAEMTC, Ankara, Turkey



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	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 2.09 to 34.48 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

		38.5 %
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Maximum torque, Engine speed corresponding

	233.8 Nm	1300 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

	12.4 R 20	14.9 R 30
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Test with tractor

	<u>unballasted</u>	<u>ballasted</u>
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Total Mass

	2780 kg	
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Maximum drawbar pull

	22.2 kN	Not
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at speed of

	1.93 km/h	required
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Maximum power

	36.7 kW	in
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at speed of

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

		Opened centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	34.4 l/min	18.5 MPa	10.6 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		25.8 kN	17.2 kN
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