



OECD approval number

2/2 192

Restricted Code

OECD approval date

17/11/2004

Make

New Holland

Model

TD 90 D

Type

4 WD

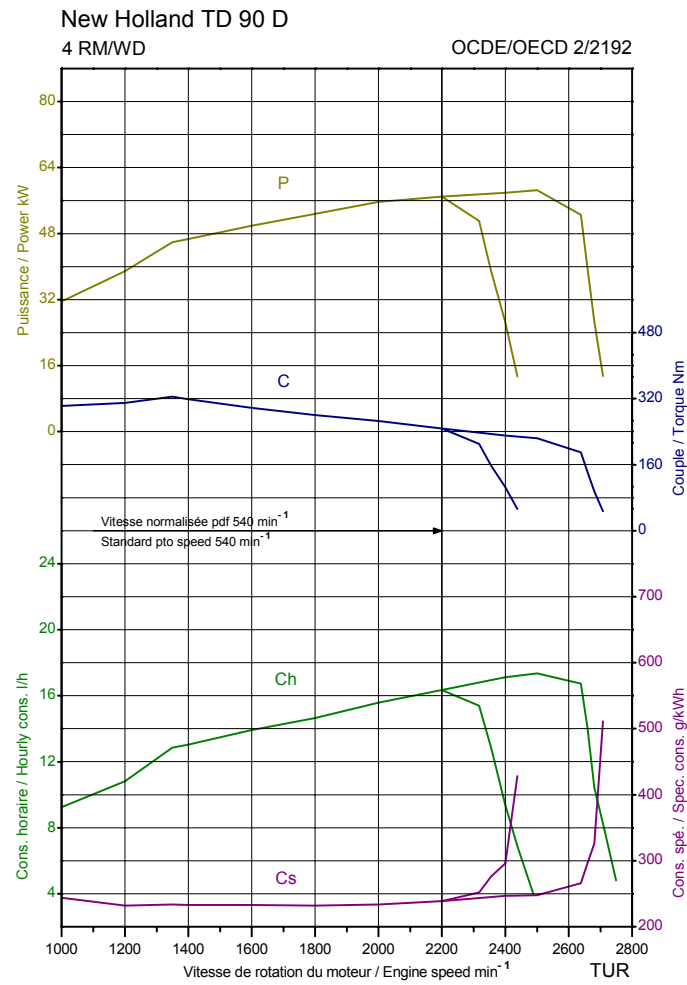
D4R7AB - 12 speeds - 40 km/h

Manufacturer

TÜRK TRAKTÖR ve ZIRAAT MAKINALARI A.S.

Testing station:

TAMTEST, Ankara, Turkey



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Iveco	8045.25
<i>Type, Supercharging</i>	Direct injection	Yes
<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>	58.5 kW	2500 min ⁻¹	614 min ⁻¹
<i>Hourly and specific consumption</i>		17.36 l/h	248 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	58.5 kW	2500 min ⁻¹	614 min ⁻¹
<i>Hourly and specific consumption</i>		17.36 l/h	248 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	57.0 kW	2200 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		16.35 l/h	239 g/kWh

Torque rise

45.3 %

Maximum torque, Engine speed corresponding325.1 Nm 1350 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

12.4 - 24 18.4 - 30

Test with tractorunballasted ballasted*Total Mass*

3179 kg

Maximum drawbar pull

24.1 kN

*at speed of*4.63 km/h *Not required**Maximum power*

43.7 kW

*at speed of*11.29 km/h *in Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	55.7 l/min	14.5 MPa	13.5 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		23.8 kN	16.1 kN
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