



OECD approval number

2/2 177

Restricted Code

OECD approval date

15/10/2004

Make

New Holland

Model

TD 90 D

Type

2 WD

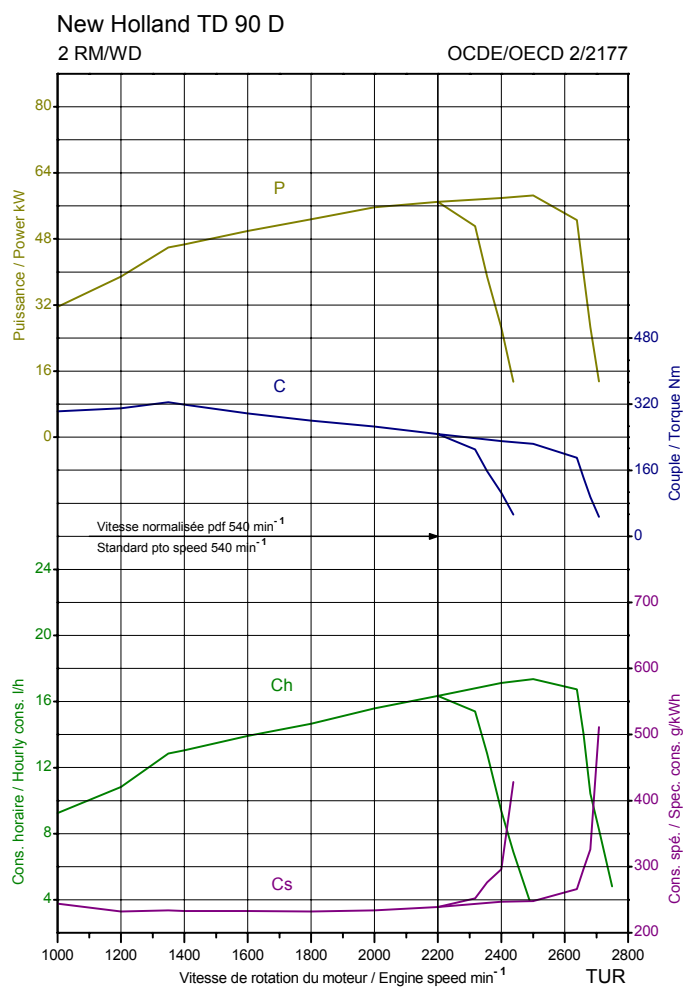
D4S2AA - 12 speeds - 30 km/h

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 1.77	to 29.25 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	1050 min ⁻¹
<i>Diameter of the shaft</i>	34.9 mm	34.9 mm
<i>Number of splines</i>	6	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*

9.00 - 16 420/85 R 34

Test with tractorunballasted ballasted*Total Mass*

3095 kg

Maximum drawbar pull

21.2 kN

Not

at speed of

2.56 km/h

required

Maximum power

42.3 kW

in

at speed of

9.00 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power*Flow rate, Pressure, Power*

55.2 l/min

13.0 MPa

12.0 kW

Maximum lifting force*at hitch points, at frame*

22.1 kN

16.9 kN

