

OECD approval number

1/1 904

OECD approval date

Full Code

27/04/00

Make

Ford

Model

TN 75 D

Type

2 WD

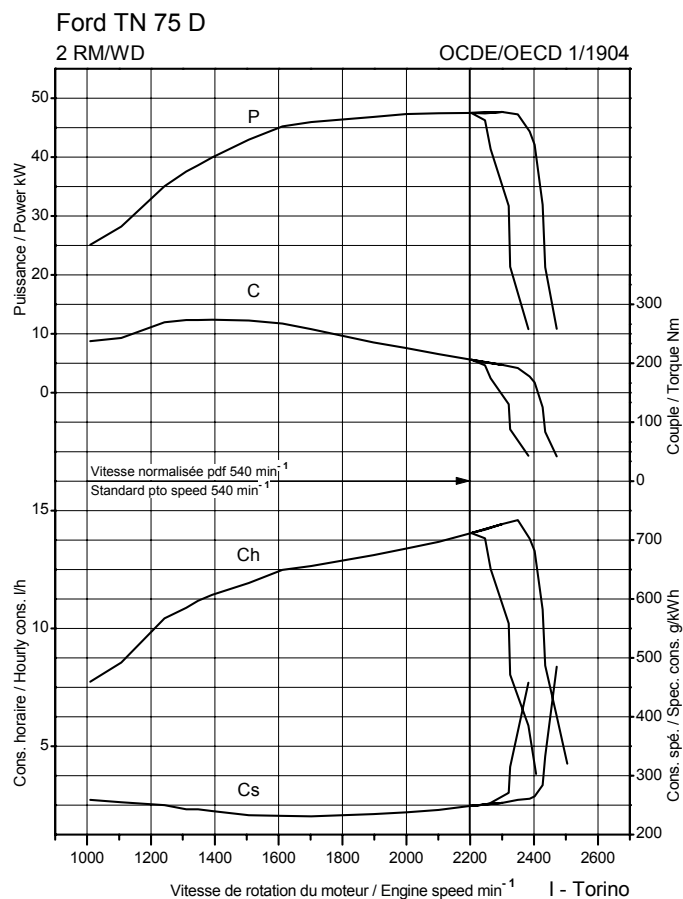
9472C273AGH - 8 speeds - 30 km/h

Manufacturer

New Holland Italia S.p.A.

Testing station:

IMA, Torino, Italy



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	New Holland	Iveco 8035.25
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	2930 cm ³	By water
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	8	8
<i>Speed at rated engine speed</i>	from 2.37	to 30.12 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>	565 min ⁻¹	1072 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 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>	47.6 kW	2300 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		14.42 l/h	254 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	47.6 kW	2300 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		14.42 l/h	254 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	47.5 kW	2203 min ⁻¹	541 min ⁻¹
<i>Hourly and specific consumption</i>		14.05 l/h	249 g/kWh

Torque rise

		38.6 %	
<u>Maximum torque, Engine speed corresponding</u>	274.1 Nm	1392 min ⁻¹	

Drawbar Test

<i>Front tyres, Rear tyres</i>	7.5 - 16	16.9 - 30
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	2560 kg	3060 kg
<i>Maximum drawbar pull</i>	25.2 kN	27.4 kN
<i>at speed of</i>	4.73 km/h	3.36 km/h
<i>Maximum power</i>	40.0 kW	39.9 kW
<i>at speed of</i>	8.78 km/h	8.88 km/h

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Opened centre
<i>Maximum lifting force at hitch points, at frame</i>	19.6 kN	18.0 kN
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	55.0 l/min	16.6 MPa 15.2 kW

