



OECD approval number

1/1 908

OECD approval date

**Full Code
13/06/00**

Make

New Holland

Model

TL 100 D

Type

4 WD

L4C7AE - Hi-Lo transmission

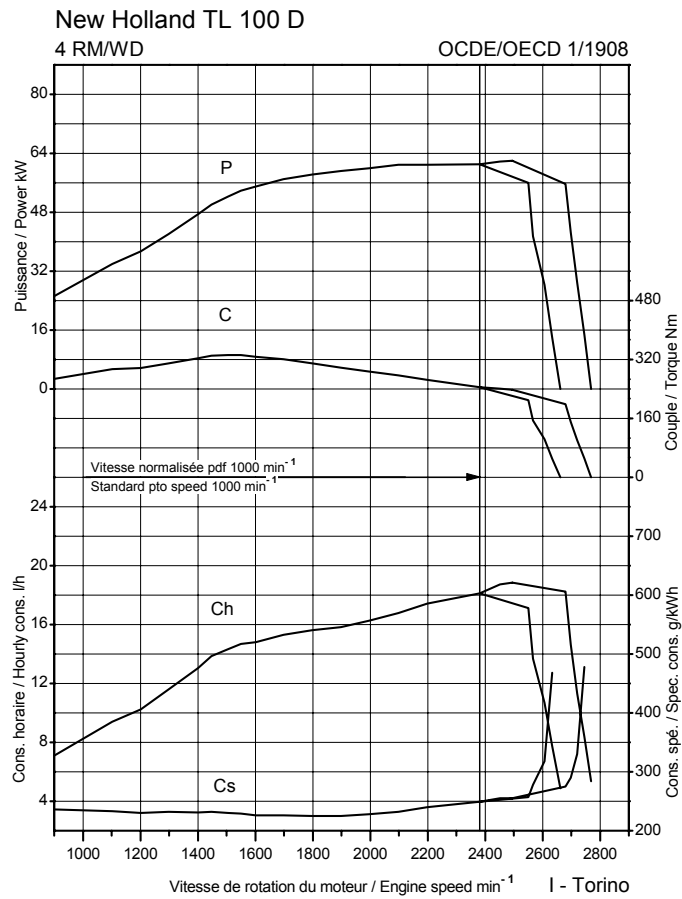
24 forward speeds - 12 reverse speeds - 30 km/h

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 8045.25K
<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
<i>Number of forward and reverse speeds</i>		24 12
<i>Speed at rated engine speed</i>		from 1.58 to 29.69 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>		35 mm 35 mm
<i>Number of splines</i>		6 21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	62.0 kW	2495 min ⁻¹	1048 min ⁻¹
<i>Hourly and specific consumption</i>		18.85 l/h	255 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	62.0 kW	2495 min ⁻¹	1048 min ⁻¹
<i>Hourly and specific consumption</i>		18.85 l/h	255 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	61.1 kW	2381 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		18.13 l/h	249 g/kWh

Torque rise

<u>Maximum torque. Engine speed corresponding</u>		331.8 Nm	1550 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	380/70 - 24	480/70 - 34
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	3990 kg	4665 kg
<i>Maximum drawbar pull</i>	37.8 kN	42.4 kN
<i>at speed of</i>	4.26 km/h	3.80 km/h
<i>Maximum power</i>	53.7 kW	51.1 kW
<i>at speed of</i>	8.34 km/h	12.34 km/h

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Opened centre
<i>Maximum lifting force at hitch points, at frame</i>	31.9 kN	27.5 kN
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	37.9 l/min	16.0 MPa 10.1 kW

