



OECD approval number

1/1 910

OECD approval date

Full Code

02/08/00

Make

New Holland

Model

TL 80 D

Type

2 WD

L2C2AE - Hi-Lo transmission

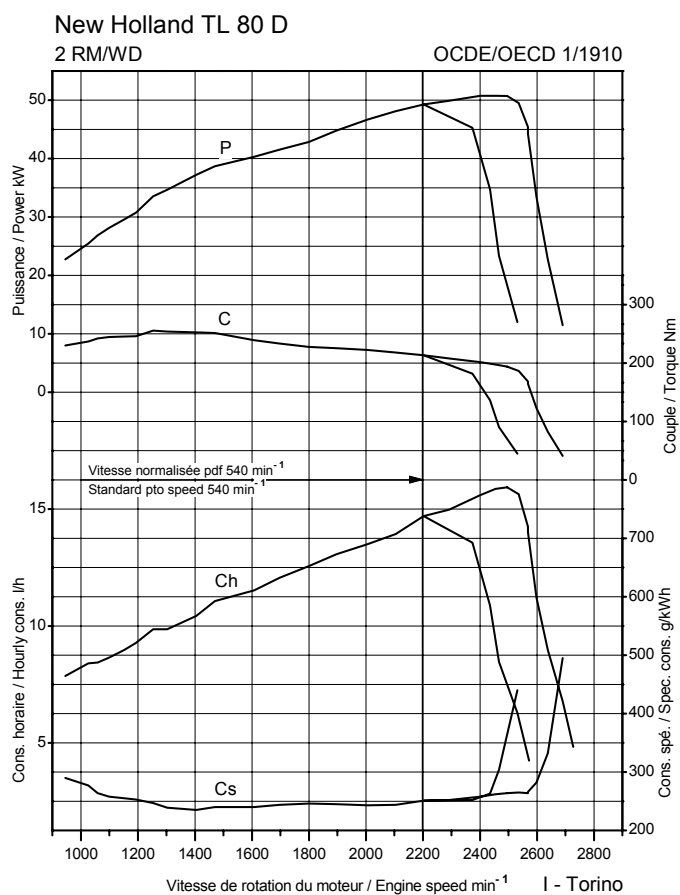
24 forward speeds - 12 reverse speeds - 30 km/h

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 8045.05R
<i>Type, Supercharging</i>	Direct injection	None
<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 1.47	to 27.68 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>	50.8 kW	2455 min ⁻¹	603 min ⁻¹
<i>Hourly and specific consumption</i>		15.86 l/h	262 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	50.7 kW	2496 min ⁻¹	613 min ⁻¹
<i>Hourly and specific consumption</i>		15.94 l/h	264 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	49.2 kW	2203 min ⁻¹	541 min ⁻¹
<i>Hourly and specific consumption</i>		14.70 l/h	251 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		255.4 Nm	1254 min ⁻¹
---	--	----------	------------------------

Drawbar Test

<i>Front tyres, Rear tyres</i>	7.50 - 16	480/70 - 30
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	3475 kg	4150 kg
<i>Maximum drawbar pull</i>	29.9 kN	30.2 kN
<i>at speed of</i>	4.33 km/h	2.73 km/h
<i>Maximum power</i>	42.2 kW	41.3 kW
<i>at speed of</i>	7.67 km/h	7.68 km/h

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Opened centre
<i>Maximum lifting force at hitch points, at frame</i>	20.0 kN	14.6 kN
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	40.2 l/min	17.4 MPa 11.6 kW

