



OECD approval number

1/1 902

OECD approval date

Full Code

25/04/2000

Make

New Holland

Model

TN 65 D

Type

4 WD

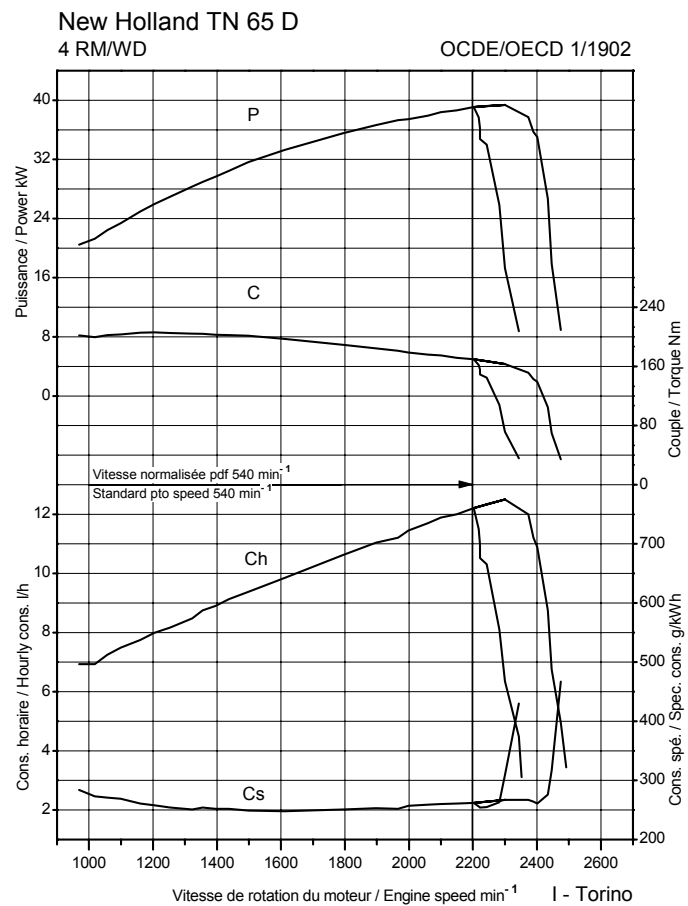
9460C7C3AGH - 8 speeds - 30 km/h

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 8035.05R
<i>Type, Supercharging</i>	Direct injection	None
<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>	39.4 kW	2300 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		12.50 l/h	267 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	39.4 kW	2300 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		12.50 l/h	267 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	39.1 kW	2202 min ⁻¹	541 min ⁻¹
<i>Hourly and specific consumption</i>		12.21 l/h	262 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		205.9 Nm	1205 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	380/70 - 20	480/70 - 30
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	2930 kg	3430 kg
<i>Maximum drawbar pull</i>	23.7 kN	30.2 kN
<i>at speed of</i>	3.11 km/h	3.16 km/h
<i>Maximum power</i>	31.0 kW	31.8 kW
<i>at speed of</i>	8.99 km/h	7.53 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>	42.8 l/min	17.5 MPa 12.5 kW

