



OECD approval number

1/1 901

OECD approval date

Full Code

21/04/2000

Make

New Holland

Model

TN 55 D

Type

4 WD

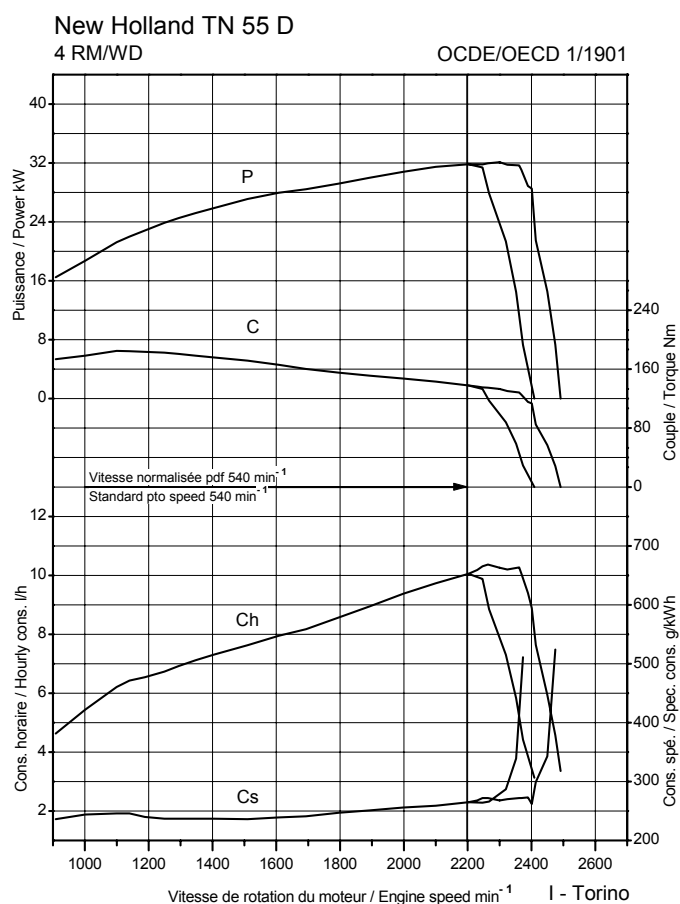
9450C7A3AGH - 8 speeds - 30 km/h

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 8035.05B
<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 2.30 to 29.19 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>	32.1 kW	2300 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		10.26 l/h	268 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	32.1 kW	2300 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		10.26 l/h	268 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	31.8 kW	2202 min ⁻¹	541 min ⁻¹
<i>Hourly and specific consumption</i>		10.05 l/h	265 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		184.8 Nm	1099 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>		11.2 - 20	14.9 - 28
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Total Mass

		<u>unballasted</u>	<u>ballasted</u>
		2900 kg	3400 kg

Maximum drawbar pull

		20.9 kN	28.4 kN
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at speed of

		3.06 km/h	3.02 km/h
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Maximum power

		26.3 kW	26.3 kW
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at speed of

		8.68 km/h	7.15 km/h
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Power Lift and Hydraulic Performance Test*Hydraulic system*

			Opened centre
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Maximum lifting force at hitch points, at frame

		19.6 kN	18.0 kN
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	42.8 l/min	17.5 MPa	12.5 kW
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