



**OECD approval number**

**1/1 900**

**OECD approval date**

**Full Code  
21/04/2000**

**Make**

**New Holland**

**Model**

**TN 55 D**

**Type**

**2 WD**

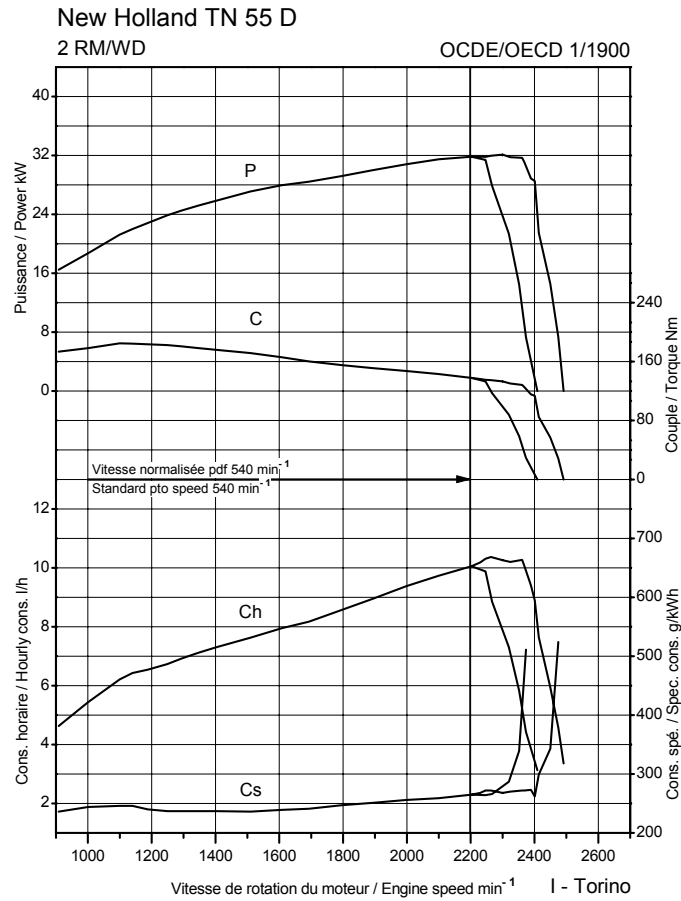
9450C2A3AGH - 8 speeds - 30 km/h

*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 <sup>3</sup>	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<sup>-1</sup></u> <u>1000 min<sup>-1</sup></u>
<i>Power take-off speed at rated engine speed</i>		565 min <sup>-1</sup> 1072 min <sup>-1</sup>
<i>Diameter of the shaft</i>		35 mm 35 mm
<i>Number of splines</i>		6 6

**Power take-off Test**Two hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	32.1 kW	2300 min <sup>-1</sup>	565 min <sup>-1</sup>
<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 <sup>-1</sup>	565 min <sup>-1</sup>
<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 <sup>-1</sup>	541 min <sup>-1</sup>
<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 <sup>-1</sup>
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**Drawbar Test**

<i>Front tyres, Rear tyres</i>		7.5 - 16	14.9 - 28
<u>Test with tractor</u>		<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>		2510 kg	3010 kg
<i>Maximum drawbar pull</i>		19.9 kN	26.6 kN
<i>at speed of</i>		4.29 km/h	2.05 km/h
<i>Maximum power</i>		25.7 kW	25.4 kW
<i>at speed of</i>		6.93 km/h	6.94 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

