



OECD approval number

1/1 947

OECD approval date

Full Code

26/02/2001

Make

New Holland

Model

TN 70 D

Type

2 WD

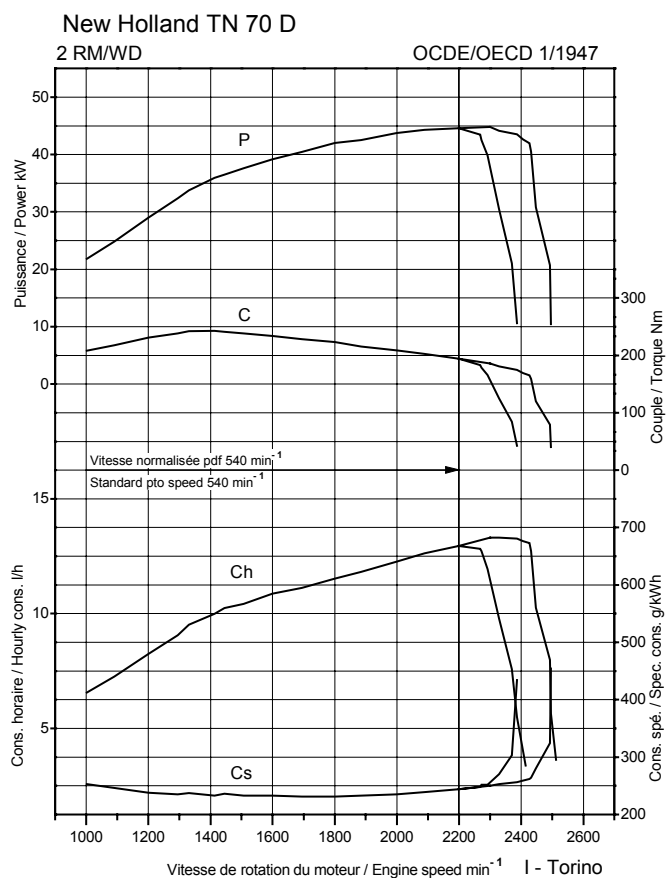
9467R2Q3AGH - 8 speeds - 30 km/h

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 8035.25 R 520
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	2930 cm ³	By water
<i>Gear box</i>		Mechanical synchronized
<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 None
<i>Diameter of the shaft</i>		35 mm
<i>Number of splines</i>		6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	44.8 kW	2300 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		13.31 l/h	250 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	44.8 kW	2300 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		13.31 l/h	250 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	44.6 kW	2199 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		12.95 l/h	244 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		242.9 Nm	1413 min ⁻¹
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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>	2200 kg	2710 kg
<i>Maximum drawbar pull</i>	23.7 kN	26.6 kN
<i>at speed of</i>	4.35 km/h	4.40 km/h
<i>Maximum power</i>	39.7 kW	38.1 kW
<i>at speed of</i>	8.72 km/h	8.73 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>	55.0 l/min	16.6 MPa 15.2 kW