



OECD approval number

1/1 913

OECD approval date

Full Code

04/09/00

Make

New Holland

Model

TL 70 D

Type

2 WD

L1C2AE - Hi-Lo transmission

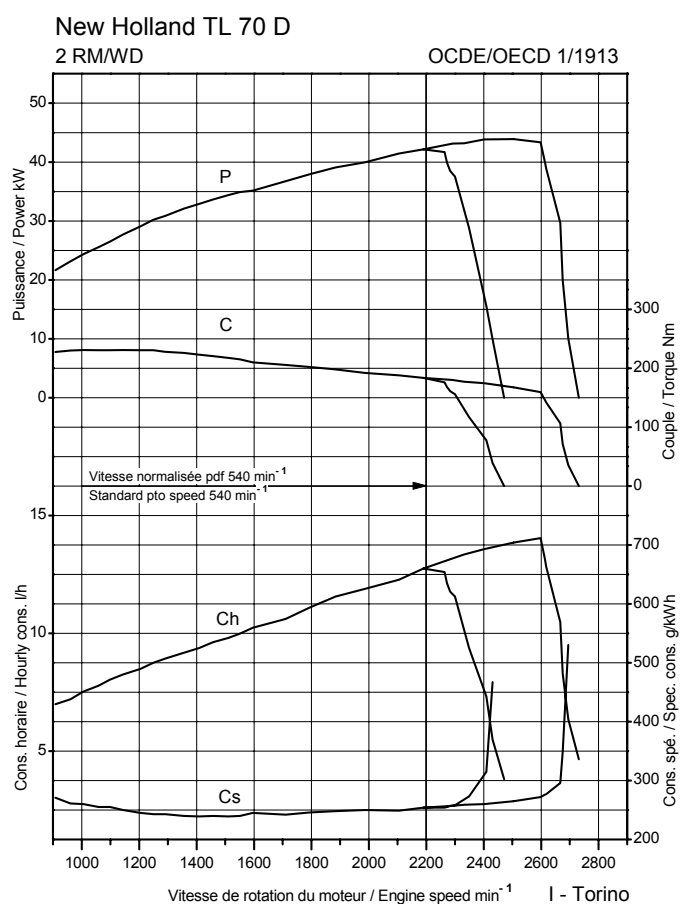
24 forward speeds - 12 reverse speeds - 30 km/h

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 8045.06R
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3613 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 1.59 to 29.81 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>	43.9 kW	2504 min ⁻¹	615 min ⁻¹
<i>Hourly and specific consumption</i>		13.85 l/h	265 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	43.9 kW	2504 min ⁻¹	615 min ⁻¹
<i>Hourly and specific consumption</i>		13.85 l/h	265 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	42.1 kW	2190 min ⁻¹	538 min ⁻¹
<i>Hourly and specific consumption</i>		12.75 l/h	254 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		231.1 Nm	1144 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	7.50 - 16	480/70 - 30
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Total Mass

	<u>unballasted</u>	<u>ballasted</u>
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Maximum drawbar pull

	3475 kg	4150 kg
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at speed of

	31.3 kN	31.6 kN
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Maximum power

	3.33 km/h	3.26 km/h
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at speed of

	35.1 kW	34.2 kW
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	5.00 km/h	8.37 km/h
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Power Lift and Hydraulic Performance Test*Hydraulic system*

		Opened centre
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<i>Maximum lifting force at hitch points, at frame</i>	20.0 kN	14.6 kN
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	40.2 l/min	17.4 MPa	11.6 kW
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