



OECD approval number

1/2 349

OECD approval date

Full Code
07/06/2006

Make

New Holland

Model

TN 85 DA

Type

4 WD

E4D6 - 16 speeds - 40 km/h

Manufacturer

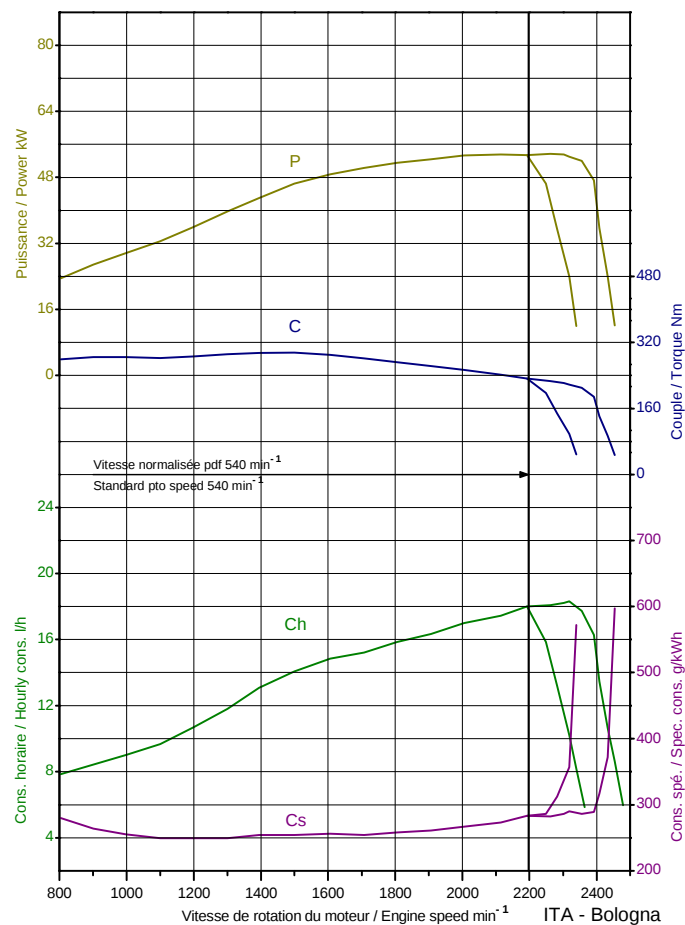
CNH International S.A.

Testing station: Università di Bologna, Bologna, Italy

New Holland TN 85 DA

4 RM/WD

OCDE/OECD 1/2349



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH UK	F4CE0404A
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4485 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>	16	16
<i>Speed at rated engine speed</i>	from 0.79	to 38.04 km/h
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	565 min ⁻¹	1017 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>	53.7 kW	2262 min ⁻¹	555 min ⁻¹
<i>Hourly and specific consumption</i>		18.09 l/h	282 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	53.5 kW	2302 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		18.23 l/h	286 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	53.4 kW	2192 min ⁻¹	538 min ⁻¹
<i>Hourly and specific consumption</i>		18.01 l/h	283 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		296.1 Nm	1500 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<i>Test with tractor</i>	11.2 R 24	16.9 R 30
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Total Mass

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

	3070 kg	3560 kg
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at speed of

	26.1 kN	30.2 kN
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Maximum power

	4.48 km/h	3.68 km/h
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at speed of

	45.9 kW	46.4 kW
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at hitch points, at frame

	10.04 km/h	8.28 km/h
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Hydraulic Performance and Power Lift Test*Hydraulic system*At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	43.3 l/min	17.9 MPa	12.9 kW
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Maximum lifting force

	22.4 kN	18.5 kN
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