



OECD approval number

1/2 159

OECD approval date

Full Code
05/08/2004

Make

New Holland

Model

TN 60 A

Type

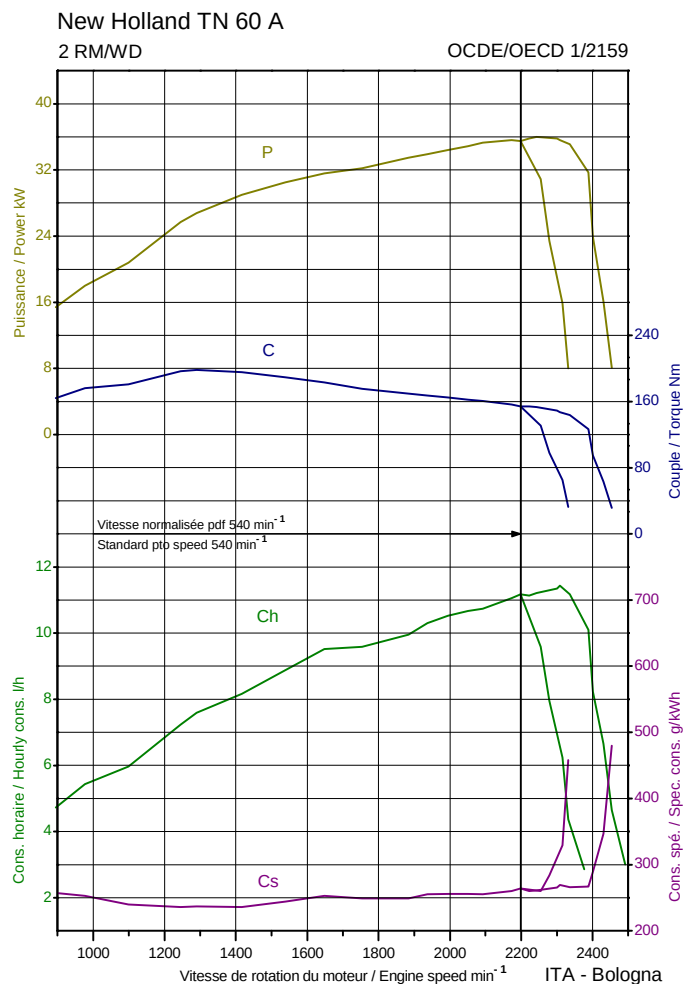
2 WD

E1S2 - 16 speeds - 30 km/h

Manufacturer

CNH International S.A.

Testing station: Università di Bologna, Bologna, Italy



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH Italia	IVECO 8035.05C
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	2930 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 0.63 to 30.13 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 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>	36.0 kW	2243 min ⁻¹	551 min ⁻¹
<i>Hourly and specific consumption</i>		11.21 l/h	261 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	35.8 kW	2300 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		11.35 l/h	265 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	35.5 kW	2198 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		11.17 l/h	264 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		198.4 Nm	1290 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>		7.50 - 16	16.9 R 30
<u>Test with tractor</u>		<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>		2365 kg	2855 kg
<i>Maximum drawbar pull</i>		19.1 kN	21.3 kN
<i>at speed of</i>		2.93 km/h	3.51 km/h
<i>Maximum power</i>		28.5 kW	28.9 kW
<i>at speed of</i>		7.79 km/h	8.58 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Opened centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	36.1 l/min	19.8 MPa	11.9 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		21.2 kN	17.6 kN

