



OECD approval number

1/2 161

OECD approval date

Full Code

09/08/2004

Make

New Holland

Model

TN 60 DA

Type

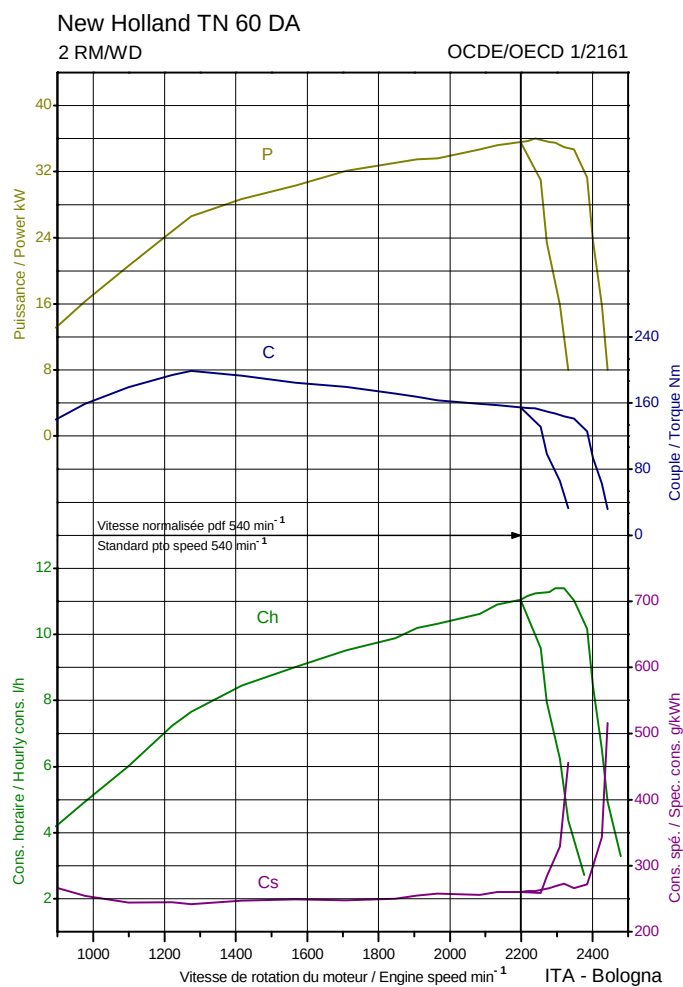
2 WD

E1C2 - 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
<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>	36.0 kW	2239 min ⁻¹	550 min ⁻¹
<i>Hourly and specific consumption</i>		11.25 l/h	262 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	35.5 kW	2295 min ⁻¹	564 min ⁻¹
<i>Hourly and specific consumption</i>		11.40 l/h	269 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	35.6 kW	2198 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		11.05 l/h	260 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		199.1 Nm	1274 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>		7.50 - 16	16.9 R 30
<i>Test with tractor</i>		<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>		2675 kg	3165 kg
<i>Maximum drawbar pull</i>		21.2 kN	22.5 kN
<i>at speed of</i>		2.38 km/h	3.52 km/h
<i>Maximum power</i>		29.2 kW	29.0 kW
<i>at speed of</i>		8.67 km/h	7.91 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Opened centre	
<i>At maximum hydraulic power</i>			
<i>Flow rate, Pressure, Power</i>	36.1 l/min	19.7 MPa	11.9 kW
<i>Maximum lifting force</i>			
<i>at hitch points, at frame</i>		21.1 kN	17.5 kN