



OECD approval number

1/2 348

OECD approval date

**Full Code
02/06/2006**

Make

New Holland

Model

TN 95 A

Type

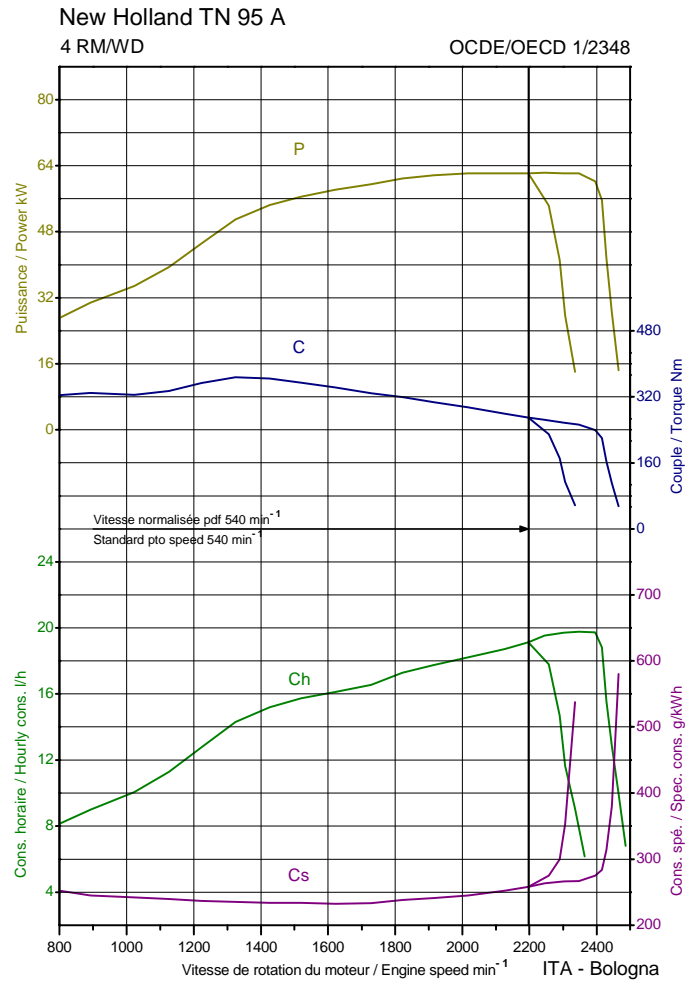
4 WD

E5S6 - 12 speeds - 40 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 UK	F4CE0454C
<i>Type, Supercharging</i>	Direct injection	Yes
<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>		12 12
<i>Speed at rated engine speed</i>		from 0.79 to 38.04 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 Test

<u>Two hours test at maximum power</u>			
<i>Power, Engine and Power take-off speed</i>	62.3 kW	2245 min ⁻¹	551 min ⁻¹
<i>Hourly and specific consumption</i>		19.55 l/h	263 g/kWh
<u>Test at maximum power at rated engine speed</u>			
<i>Power, Engine and Power take-off speed</i>	62.1 kW	2302 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		19.71 l/h	266 g/kWh
<u>Test at standard Power take-off speed</u>			
<i>Power, Engine and Power take-off speed</i>	62.2 kW	2196 min ⁻¹	539 min ⁻¹
<i>Hourly and specific consumption</i>		19.14 l/h	258 g/kWh
<u>Torque rise</u>			42.7 %
<u>Maximum torque, Engine speed corresponding</u>		367.7 Nm	1324 min ⁻¹

Drawbar Test

<i>Front tyres, Rear tyres</i>		11.2 R 24	16.9 R 30
<u>Test with tractor</u>		<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>		2910 kg	3400 kg
<i>Maximum drawbar pull</i>		24.9 kN	29.1 kN
<i>at speed of</i>		5.49 km/h	5.44 km/h
<i>Maximum power</i>		54.8 kW	55.1 kW
<i>at speed of</i>		12.26 km/h	10.98 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>	42.1 l/min	18.0 MPa	12.6 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		22.0 kN	18.6 kN

