



OECD approval number

2/2 250

Restricted Code

OECD approval date

31/05/2005

Make

New Holland

Model

TS 100A

Type

4 WD

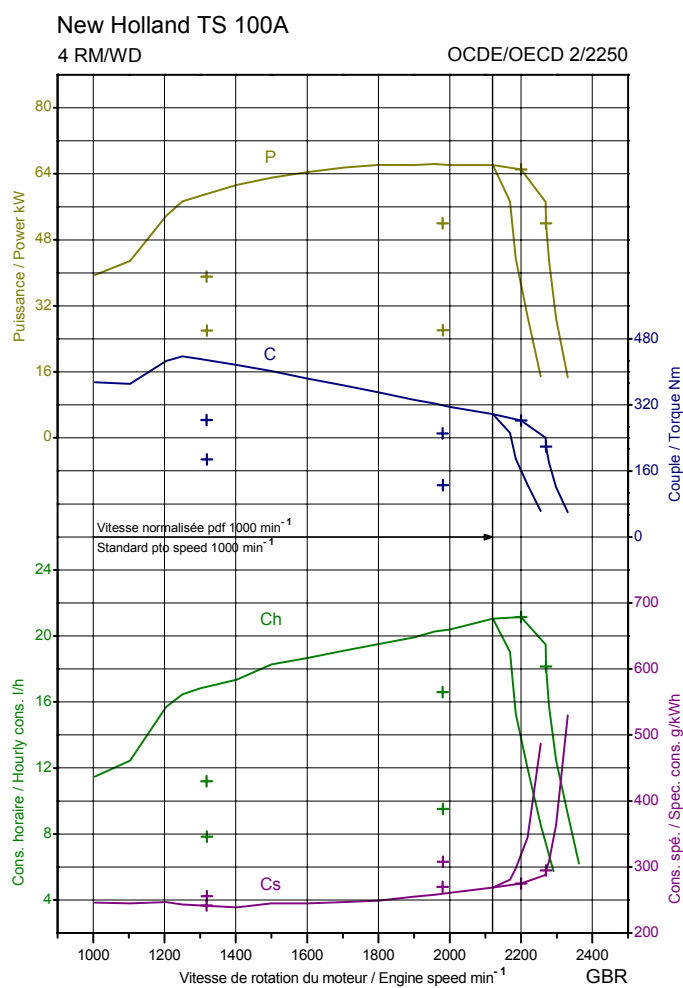
PAR7BB1 - 24 speeds Hi-Lo - 40 km/h

Manufacturer

CNH UK Limited

Testing station:

SRI, Silsoe, United Kingdom



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	F4CE0484B*D
<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 powershift
<i>Number of forward and reverse speeds</i>	24	24
<i>Speed at rated engine speed</i>	from 1.64	to 37.16 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>	603 min ⁻¹	1038 min ⁻¹
<i>Diameter of the shaft</i>	34.9 mm	34.9 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>	66.4 kW	1958 min ⁻¹	924 min ⁻¹
<i>Hourly and specific consumption</i>		20.27 l/h	258 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	65.1 kW	2200 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		21.15 l/h	275 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	66.1 kW	2121 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		21.05 l/h	269 g/kWh

Torque rise

55.0 %

Maximum torque, Engine speed corresponding438.0 Nm 1250 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

480/65 R 28 600/65 R 38

Test with tractorunballasted ballasted*Total Mass*

4674 kg

Maximum drawbar pull

52.6 kN

Not

at speed of

1.53 km/h

required

Maximum power

56.6 kW

in

at speed of

5.38 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power*

74.5 l/min

15.5 MPa

19.3 kW

Maximum lifting force*at hitch points, at frame*

44.2 kN

32.6 kN

