



OECD approval number

2/2 241

Restricted Code

OECD approval date

13/05/2005

Make

New Holland

Model

TS 100A

Type

4 WD

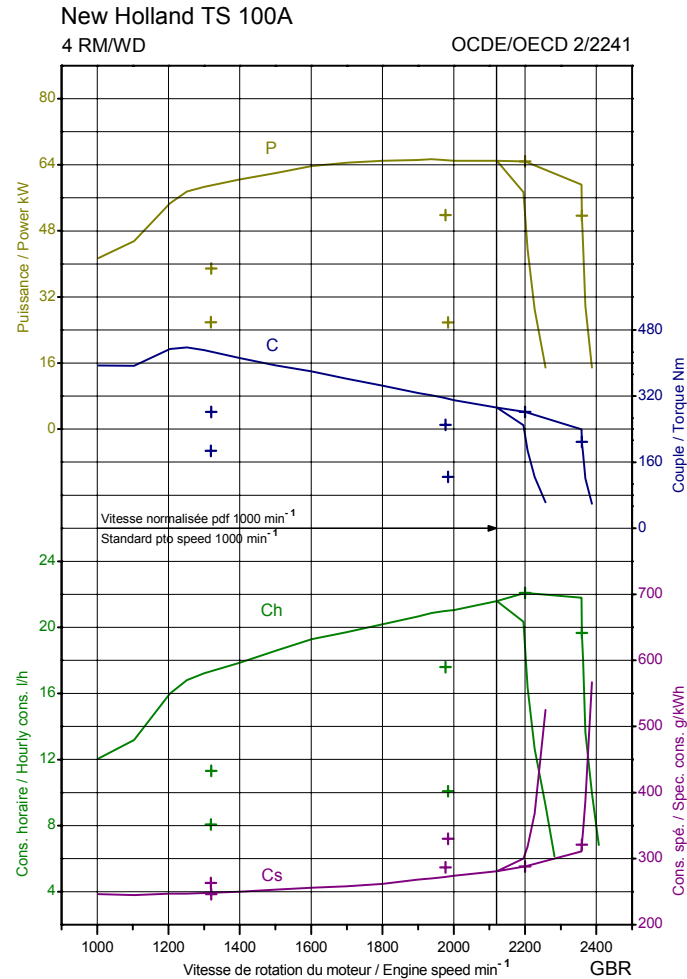
PAC7BA1 - 40 km/h

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 synchronized
<i>Number of forward and reverse speeds</i>		12 12
<i>Speed at rated engine speed</i>		from 2.01 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>	65.4 kW	1937 min ⁻¹	914 min ⁻¹
<i>Hourly and specific consumption</i>		20.86 l/h	270 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	64.8 kW	2200 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		22.09 l/h	288 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	65.0 kW	2121 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		21.59 l/h	281 g/kWh

Torque rise

		55.8 %	
<u>Maximum torque, Engine speed corresponding</u>		438.3 Nm	1252 min ⁻¹

Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	480/65 R 28	600/65 R 38
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Total Mass

	<u>unballasted</u>	<u>ballasted</u>
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<i>Maximum drawbar pull</i>	5080 kg	
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<i>at speed of</i>	53.6 kN	Not
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<i>Maximum power</i>	1.91 km/h	required
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<i>at speed of</i>	56.8 kW	in
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	5.10 km/h	Code 2
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Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Closed centre
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<u>At maximum hydraulic power</u>		
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<i>Flow rate, Pressure, Power</i>	70.6 l/min	16.5 MPa	19.4 kW
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<u>Maximum lifting force</u>			
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<i>at hitch points, at frame</i>		32.1 kN	24.4 kN
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