



OECD approval number

2/2 230

Restricted Code

OECD approval date

21/03/2005

Make

New Holland

Model

TS 125A

Type

4 WD

PDR7BC1 - 40 km/h

Manufacturer

CNH UK Limited

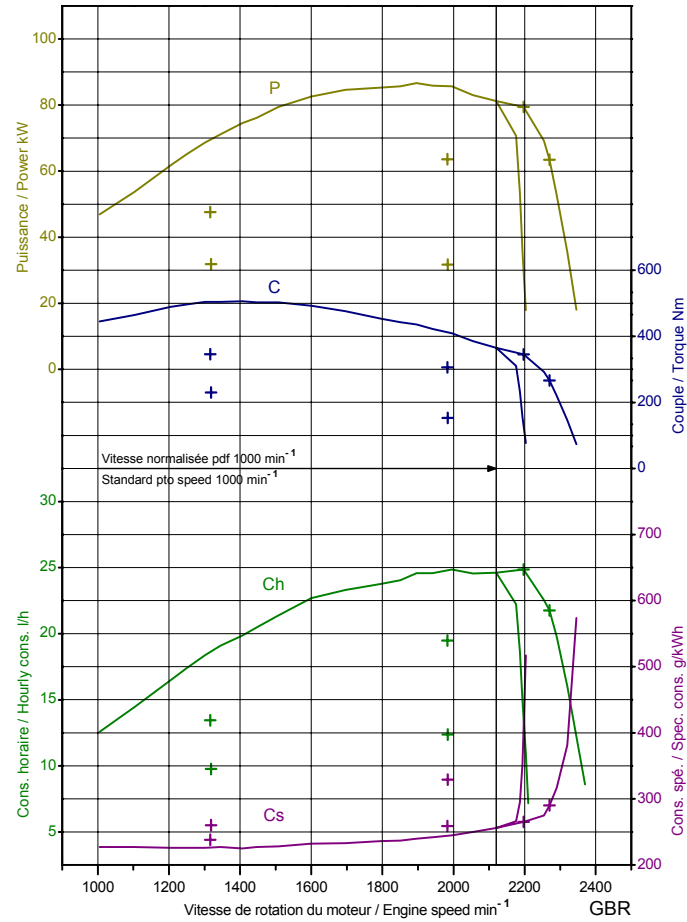
Testing station:

SRI, Silsoe, United Kingdom

New Holland TS 125A

4 RM/WD

OCDE/OECD 2/2230



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	F4DE0684B*D
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6728 cm ³	Liquid
<i>Gear box</i>		Mechanical powershift
<i>Number of forward and reverse speeds</i>	16	16
<i>Speed at rated engine speed</i>	from 2.27	to 38.14 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>	86.6 kW	1896 min ⁻¹	894 min ⁻¹
<i>Hourly and specific consumption</i>		24.58 l/h	240 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	79.4 kW	2197 min ⁻¹	1036 min ⁻¹
<i>Hourly and specific consumption</i>		24.85 l/h	265 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	81.2 kW	2120 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		24.62 l/h	256 g/kWh

Torque rise

		46.7 %	
<u>Maximum torque, Engine speed corresponding</u>	506.1 Nm	1406 min ⁻¹	

Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	480/65 R 28	600/65 R 38
	<u>unballasted</u>	<u>ballasted</u>

Total Mass

	5014 kg	
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Maximum drawbar pull

	49.9 kN	Not
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at speed of

	2.56 km/h	required
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Maximum power

	71.8 kW	in
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at speed of

	7.46 km/h	Code 2
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Hydraulic Performance and Power Lift Test*Hydraulic system*

		Closed centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	91.3 l/min	16.0 MPa	24.4 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		45.6 kN	33.0 kN
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