



OECD approval number

2/2 252

Restricted Code

OECD approval date

31/05/2005

Make

New Holland

Model

TS 115A

Type

4 WD

PCR7BC1 - 40 km/h

Manufacturer

CNH UK Limited

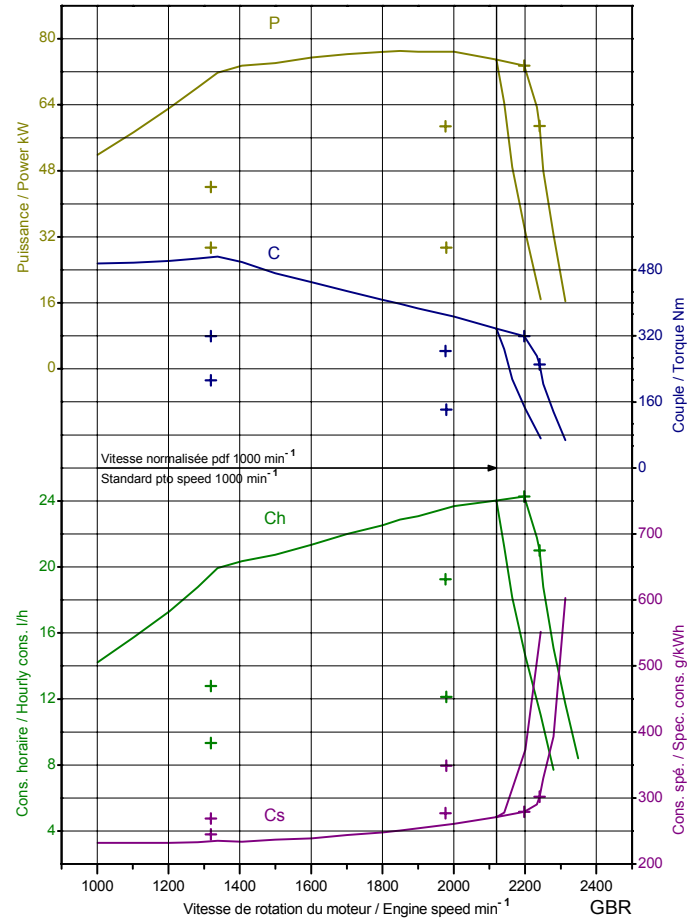
Testing station:

SRI, Silsoe, United Kingdom

New Holland TS 115A

4 RM/WD

OCDE/OECD 2/2252



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	F4CE0684C*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>	77.1 kW	1849 min ⁻¹	872 min ⁻¹
<i>Hourly and specific consumption</i>		22.86 l/h	251 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	73.5 kW	2198 min ⁻¹	1037 min ⁻¹
<i>Hourly and specific consumption</i>		24.27 l/h	279 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	75.0 kW	2119 min ⁻¹	999 min ⁻¹
<i>Hourly and specific consumption</i>		24.03 l/h	271 g/kWh

Torque rise

		60.6 %	
--	--	--------	--

<u>Maximum torque, Engine speed corresponding</u>	512.8 Nm	1338 min ⁻¹	
---	----------	------------------------	--

Drawbar Test*Front tyres, Rear tyres*

480/65 R 28 600/65 R 38

Test with tractorunballasted ballasted*Total Mass*

5010 kg

Maximum drawbar pull

51.3 kN

*at speed of*2.08 km/h *required**Maximum power*

65.5 kW

*at speed of*5.61 km/h *Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	89.5 l/min	18.0 MPa	26.9 kW
-----------------------------------	------------	----------	---------

Maximum lifting force

<i>at hitch points, at frame</i>		45.4 kN	33.1 kN
----------------------------------	--	---------	---------

