



OECD approval number

2/2 239

OECD approval date

Restricted Code

11/05/2005

Make

New Holland

Model

TS 110A

Type

4 WD

PBR7BC1 - 40 km/h

Manufacturer

CNH UK Limited

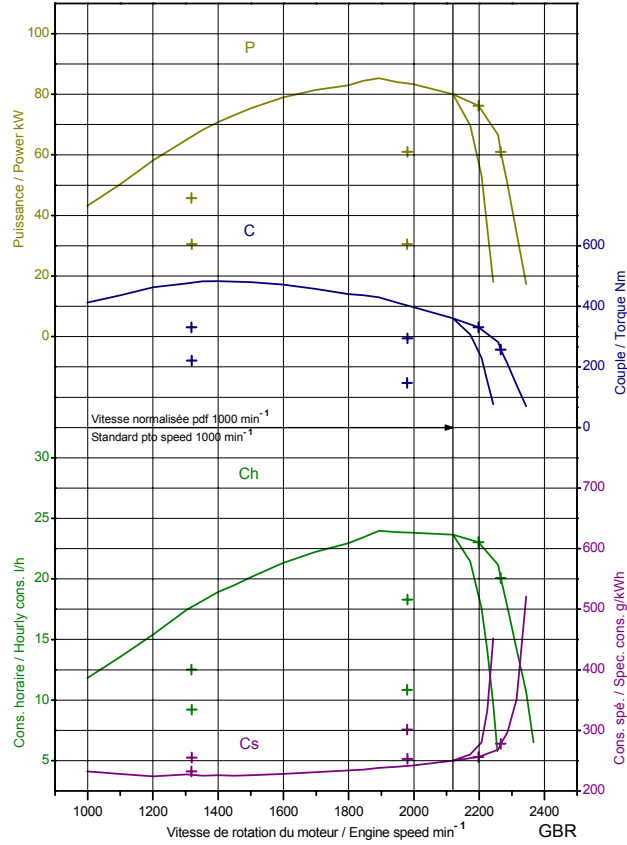
Testing station:

SRI, Silsoe, United Kingdom

New Holland TS 110A

4 RM/WD

OCDE/OECD 2/2239



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	F4DE0484A*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>		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>	85.3 kW	1893 min ⁻¹	893 min ⁻¹
<i>Hourly and specific consumption</i>		23.96 l/h	238 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	76.2 kW	2198 min ⁻¹	1037 min ⁻¹
<i>Hourly and specific consumption</i>		23.04 l/h	256 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	80.0 kW	2119 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		23.64 l/h	250 g/kWh

Torque rise

<i>Maximum torque. Engine speed corresponding</i>		482.9 Nm	1400 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	480/65 R 28	600/65 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	4674 kg	
<i>Maximum drawbar pull</i>	48.4 kN	<i>Not</i>
<i>at speed of</i>	2.16 km/h	<i>required</i>
<i>Maximum power</i>	73.0 kW	<i>in</i>
<i>at speed of</i>	9.47 km/h	<i>Code 2</i>

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	94.0 l/min	17.5 MPa	27.4 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		35.4 kN	27.6 kN

