OECD approval number	**2/2 244**
	Restricted Code
OECD approval date	**17/05/2005**
Make	**New Holland**
Model	**TS 110A**
Type	**4 WD**
	PBC7BC1 - 40 km/h
Manufacturer	CNH UK Limited
Testing station:	SRI, Silsoe, United Kingdom

New Holland TS 110A

4 RM/WD   OCDE/OECD 2/2244

Vitesse normalisée pdf 1000 min^{-1}
Standard pto speed 1000 min^{-1}

Vitesse de rotation du moteur / Engine speed min^{-1}

GBR

OECD
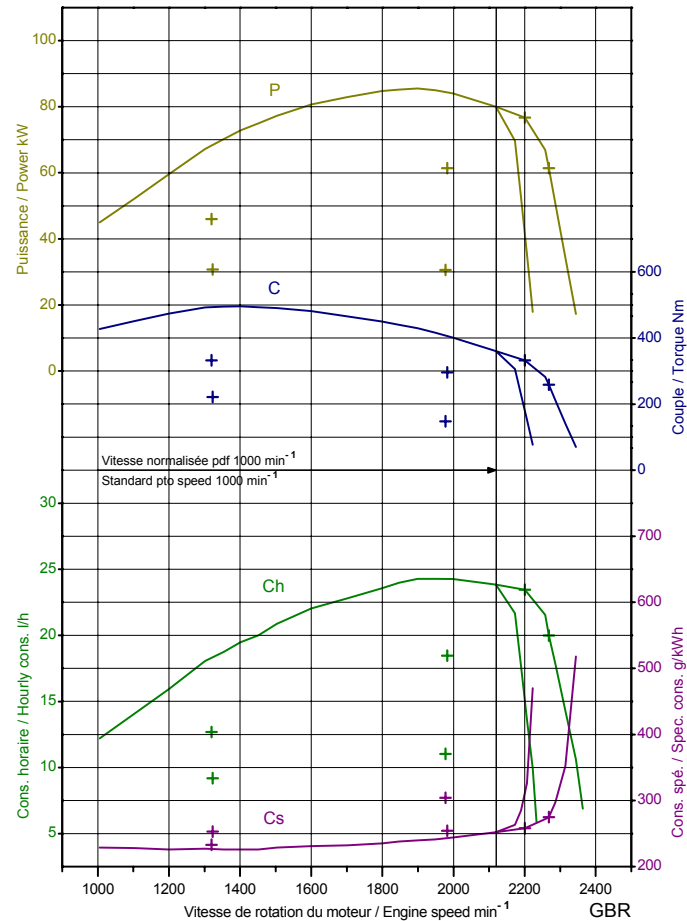
Engine, Transmission, Power take-off Specifications

Make, Model	CNH	F4DE0484A*D
Type, Supercharging	Direct injection	Yes
Cylinders, Disposition	4	vertical in line
Capacity, Cooling	4485 cm^3	Liquid
Gear box		Mechanical powershift
Number of forward and reverse speeds	16	16
Speed at rated engine speed	from 2.27	to 38.14 km/h
<u>Standard Power take-off speed</u>	540 min^{-1}	1000 min^{-1}
Power take-off speed at rated engine speed	603 min^{-1}	1038 min^{-1}
Diameter of the shaft	34.9 mm	34.9 mm
Number of splines	6	21

Power take-off Test

<u>Two hours test at maximum power</u>

Power, Engine and Power take-off speed	85.5 kW	1899 min^{-1}	896 min^{-1}
Hourly and specific consumption		24.28 l/h	240 g/kWh

<u>Test at maximum power at rated engine speed</u>

Power, Engine and Power take-off speed	76.7 kW	2201 min^{-1}	1038 min^{-1}
Hourly and specific consumption		23.45 l/h	258 g/kWh

<u>Test at standard Power take-off speed</u>

Power, Engine and Power take-off speed	80.0 kW	2119 min^{-1}	1000 min^{-1}
Hourly and specific consumption		23.85 l/h	252 g/kWh
<u>Torque rise</u>			49.0 %
<u>Maximum torque, Engine speed corresponding</u>		496.1 Nm	1406 min^{-1}

Drawbar Test

Front tyres, Rear tyres		480/65 R 28	600/65 R 38
<u>Test with tractor</u>		<u>unballasted</u>	<u>ballasted</u>
Total Mass		5188 kg	
Maximum drawbar pull		54.8 kN	*Not*
at speed of		2.09 km/h	*required*
Maximum power		72.4 kW	*in*
at speed of		5.34 km/h	*Code 2*

Hydraulic Performance and Power Lift Test

Hydraulic system			Closed centre
<u>At maximum hydraulic power</u>			
Flow rate, Pressure, Power	93.4 l/min	18.0 MPa	28.0 kW
<u>Maximum lifting force</u>			
at hitch points, at frame		42.1 kN	34.8 kN

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