



OECD approval number

2/2 452

OECD approval date

12/12/2008

Make

Case IH

Model

Maxxum 110 X

Type

4 WD

BECC7B - Maxxum 110 - 24 speeds - 40 km/h

Manufacturer:

CNH Europe Holding S.A.

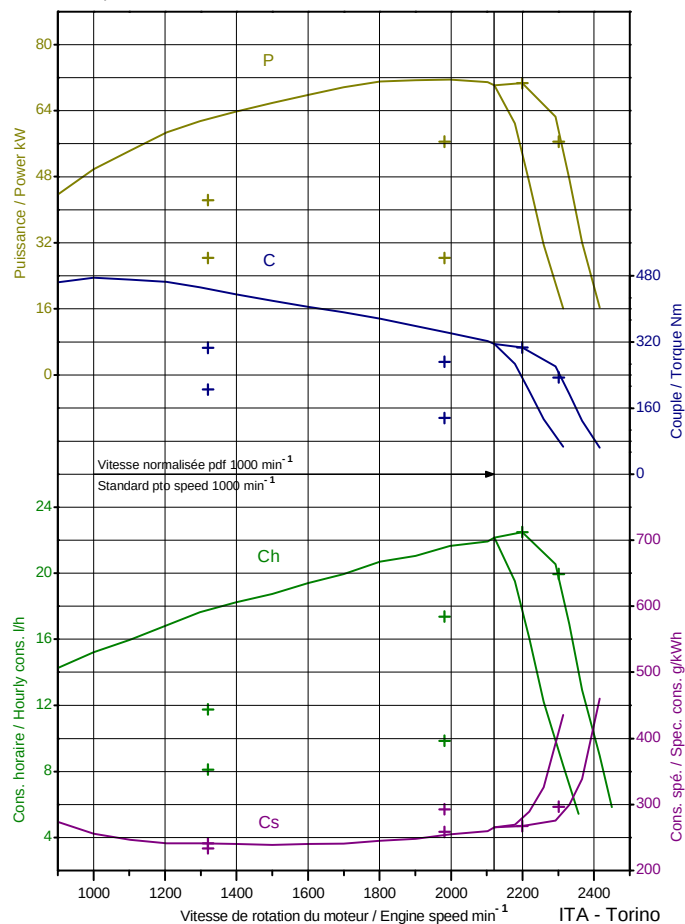
Testing station:

IMAMOTER, Torino, Italy

Case IH Maxxum 110 X

4 RM/WD

OCDE/OECD 2/2452



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	445TA/MLM
<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
<i>Number of forward and reverse speeds</i>	24	24
<i>Speed at rated engine speed</i>	from 1.64	to 37.16 km/h
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	603 min ⁻¹	1038 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 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>	71.5 kW	1996 min ⁻¹	942 min ⁻¹
<i>Hourly and specific consumption</i>		21.67 l/h	254 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	70.7 kW	2200 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		22.50 l/h	267 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	70.1 kW	2121 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		22.15 l/h	265 g/kWh

Torque rise

		55.3 %
<u>Maximum torque, Engine speed corresponding</u>	476.2 Nm	1000 min ⁻¹

Drawbar Test*Front tyres, Rear tyres*

480/65 R 28 600/65 R 38

Test with tractorunballasted ballasted*Total Mass*

5035 kg

Maximum drawbar pull

48.2 kN

at speed of

1.89 km/h

Not
required*Maximum power*

62.9 kW

at speed of

5.33 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power*Flow rate, Pressure, Power (couplers: 1 pair)* 68.8 l/min 17.5 MPa 20.1 kW*Flow rate, Pressure, Power (couplers: 2 pairs or +)* 65.3 l/min 18.5 MPa 20.1 kWMaximum lifting force*at the hitch points, at frame*

32.4 kN 27.8 kN

