



OECD approval number

2/2 444

OECD approval date

09/10/2008

Make

Case IH

Model

Maxxum 110 PRO

Type

4 WD

BEGC7B - Maxxum 110 Multicontroller

16 speeds - semi-powershift - 40 km/h

Manufacturer:

CNH Europe Holding S.A.

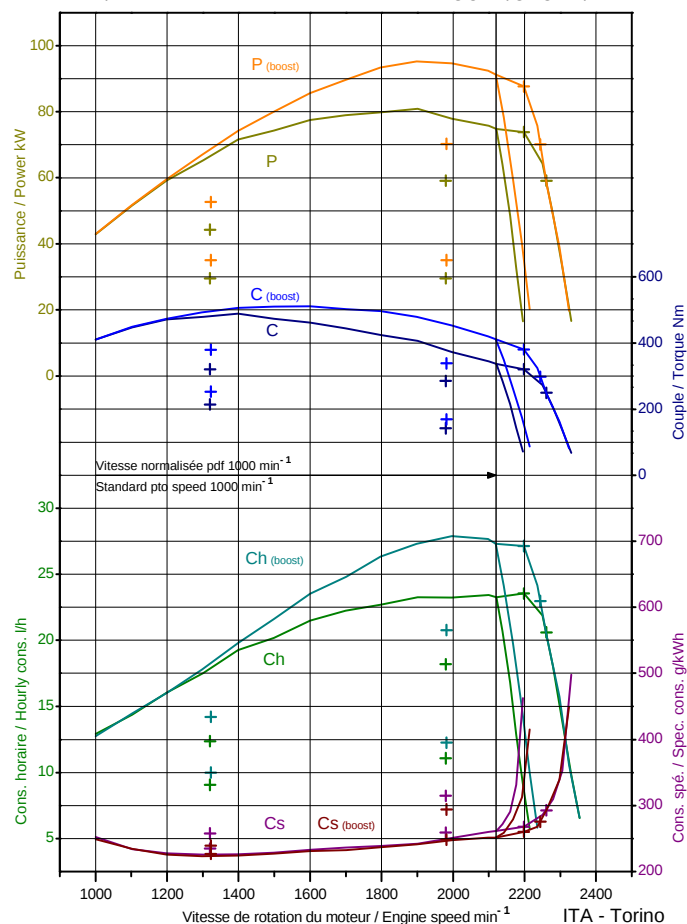
Testing station:

IMAMOTER, Torino, Italy

Case IH Maxxum 110 PRO

4 RM/WD

OCDE/OECD 2/2444



Consiglio Nazionale delle Ricerche
IMAMOTER
Istituto per le Macchine Agricole e Movimento Terra

Engine, Transmission, Power take-off Specifications

Make, Model	CNH	445TA/EGJ
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>	<u>540 min⁻¹</u>	<u>1000 min⁻¹</u>
Power take-off speed at rated engine speed	603 min ⁻¹	1038 min ⁻¹
Diameter of the shaft	35 mm	35 mm
Number of splines	6	21

Power take-off TestTwo hours test at maximum power

Power, Engine and Power take-off speed	80.9 kW	1901 min ⁻¹	897 min ⁻¹
Hourly and specific consumption		23.27 l/h	242 g/kWh

Test at maximum power at rated engine speed

Power, Engine and Power take-off speed	73.8 kW	2197 min ⁻¹	1037 min ⁻¹
Hourly and specific consumption		23.54 l/h	268 g/kWh

Test at standard Power take-off speed

Power, Engine and Power take-off speed	74.7 kW	2121 min ⁻¹	1001 min ⁻¹
Hourly and specific consumption		23.26 l/h	261 g/kWh

Torque rise

		52.4 %	
<u>Maximum torque, Engine speed corresponding</u>	488.9 Nm	1399 min ⁻¹	

Drawbar Test

Front tyres, Rear tyres

480/65 R 28 600/65 R 38

Test with tractorunballasted ballasted

Total Mass

5145 kg

Maximum drawbar pull

50.8 kN

at speed of

3.07 km/h

Not
required

Maximum power

68.9 kW

at speed of

7.67 km/h

Hydraulic Performance and Power Lift Test

Hydraulic system

Closed centre

At maximum hydraulic power

Flow rate, Pressure, Power (couplers: 1 pair) 93.4 l/min 17.5 MPa 27.2 kW

Flow rate, Pressure, Power (couplers: 2 pairs or +) 93.9 l/min 19.0 MPa 29.7 kW

Maximum lifting force

at the hitch points, at frame 39.8 kN 30.8 kN

