



OECD approval number

2/2 483

OECD approval date

18/06/2009

Make

Case IH

Model

Maxxum 130 Multicontroller

Type

4 WD

BEJCFC - 16 speeds - 40 km/h

Manufacturer:

CNH Europe Holding S.A.

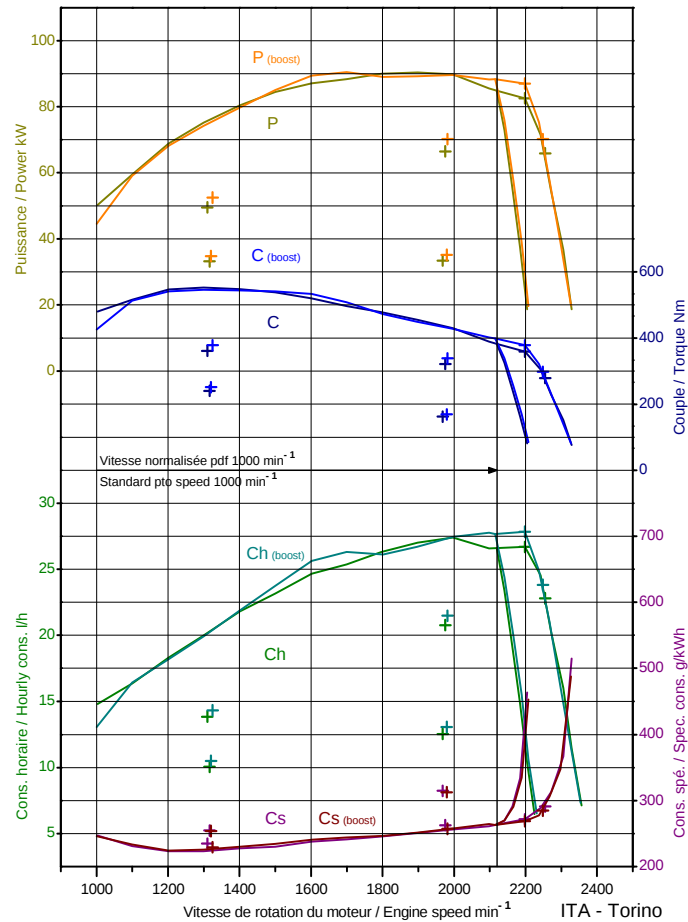
Testing station:

IMAMOTER, Torino, Italy

Case IH Maxxum 130 Multicontroller

4 RM/WD

OCDE/OECD 2/2483



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

Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	445TA/EGA
<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
<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>	90.5 kW	1899 min ⁻¹	896 min ⁻¹
<i>Hourly and specific consumption</i>		27.02 l/h	251 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	82.5 kW	2197 min ⁻¹	1037 min ⁻¹
<i>Hourly and specific consumption</i>		26.69 l/h	272 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	84.8 kW	2119 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		26.43 l/h	264 g/kWh

Torque rise

		54.1 %
<u>Maximum torque, Engine speed corresponding</u>	552.6 Nm	1299 min ⁻¹

Drawbar Test*Front tyres, Rear tyres*

480/65 R 28 600/65 R 38

Test with tractorunballasted ballasted*Total Mass*

5655 kg

Maximum drawbar pull

54.6 kN

Not

at speed of

2.11 km/h

required

Maximum power

78.4 kW

at speed of

5.64 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power (couplers: 1 pair)* 95.8 l/min 17.0 MPa 27.1 kW*Flow rate, Pressure, Power (couplers: 2 pairs or +)* 91.3 l/min 18.0 MPa 27.4 kWMaximum lifting force*at the hitch points, at frame*

43.3 kN 34.0 kN

