



OECD approval number

2/2 490

OECD approval date

30/06/2009

Make

Case IH

Model

Maxxum 140X

Type

4 WD

BEFCFB - 17 speeds - semi-powershift - 50 km/h

Manufacturer:

CNH Europe Holding S.A.

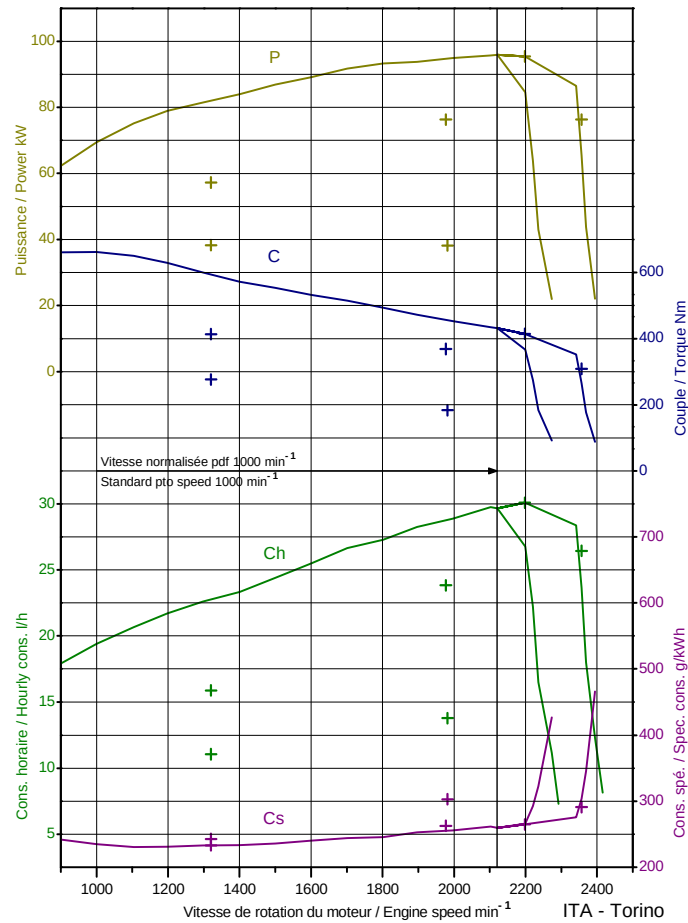
Testing station:

IMAMOTER, Torino, Italy

Case IH Maxxum 140X

4 RM/WD

OCDE/OECD 2/2490



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

Engine, Transmission, Power take-off Specifications

Make, Model	CNH	667TA/MEJ
Type, Supercharging	Direct injection	Yes
Cylinders, Disposition	6	vertical in line
Capacity, Cooling	6728 cm ³	Liquid
Gear box		Mechanical powershift
Number of forward and reverse speeds	17	16
Speed at rated engine speed	from 2.27	to 45.82 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	95.9 kW	2121 min ⁻¹	1001 min ⁻¹
Hourly and specific consumption		29.65 l/h	260 g/kWh

Test at maximum power at rated engine speed

Power, Engine and Power take-off speed	95.5 kW	2197 min ⁻¹	1037 min ⁻¹
Hourly and specific consumption		30.08 l/h	265 g/kWh

Test at standard Power take-off speed

Power, Engine and Power take-off speed	95.9 kW	2121 min ⁻¹	1001 min ⁻¹
Hourly and specific consumption		29.65 l/h	260 g/kWh

Torque rise

			59.7 %
<u>Maximum torque, Engine speed corresponding</u>	662.6 Nm		1000 min ⁻¹

Drawbar Test

Front tyres, Rear tyres

480/65 R 28 600/65 R 38

Test with tractorunballasted ballasted

Total Mass

5955 kg

Maximum drawbar pull

57.8 kN

at speed of

2.10 km/h

Maximum power

81.7 kW

at speed of

6.07 km/h

Not
required**Hydraulic Performance and Power Lift Test**

Hydraulic system

Closed centre

At maximum hydraulic power

Flow rate, Pressure, Power (couplers: 1 pair) 87.9 l/min 17.0 MPa 24.9 kW

Flow rate, Pressure, Power (couplers: 2 pairs or +) 95.4 l/min 18.0 MPa 28.6 kW

Maximum lifting force

at the hitch points, at frame 43.5 kN 34.1 kN

