



OECD approval number

2/2 487

OECD approval date

25/06/2009

Make

Case IH

Model

Maxxum 125X

Type

4 WD

BEEC7B - 16 speeds - semi-powershift - 40 km/h

Manufacturer:

CNH Europe Holding S.A.

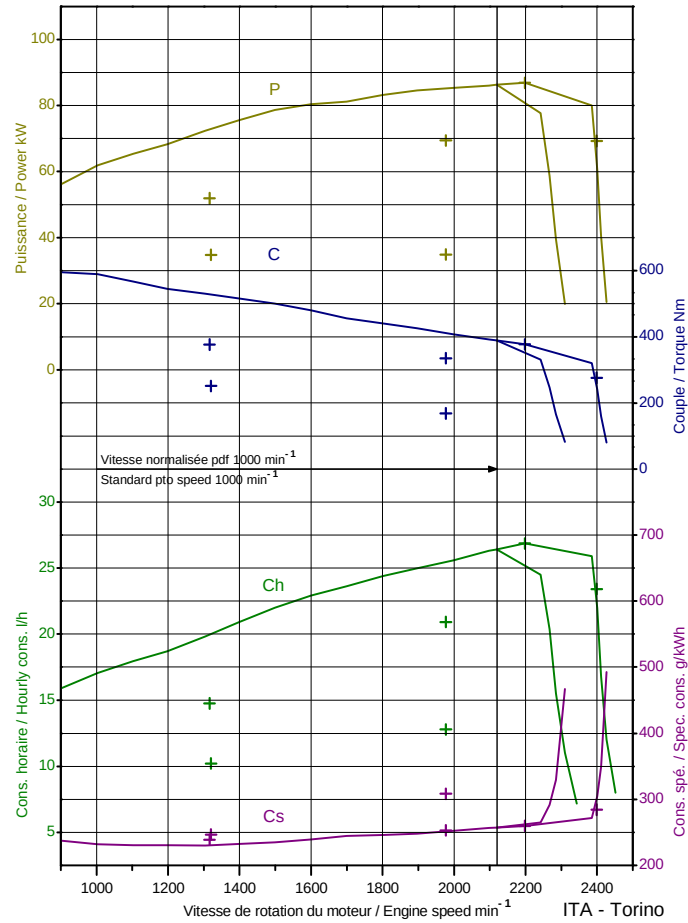
Testing station:

IMAMOTER, Torino, Italy

Case IH Maxxum 125X

4 RM/WD

OCDE/OECD 2/2487



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

Engine, Transmission, Power take-off Specifications

Make, Model	CNH	667TA/MEK
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	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	86.9 kW	2197 min ⁻¹	1037 min ⁻¹
Hourly and specific consumption		26.87 l/h	260 g/kWh

Test at maximum power at rated engine speed

Power, Engine and Power take-off speed	86.9 kW	2197 min ⁻¹	1037 min ⁻¹
Hourly and specific consumption		26.87 l/h	260 g/kWh

Test at standard Power take-off speed

Power, Engine and Power take-off speed	86.3 kW	2119 min ⁻¹	1000 min ⁻¹
Hourly and specific consumption		26.42 l/h	257 g/kWh

Torque rise

		57.9 %
<u>Maximum torque, Engine speed corresponding</u>	596.0 Nm	903 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

5215 kg

Maximum drawbar pull

50.1 kN

at speed of

2.16 km/h

Maximum power

78.5 kW

at speed of

8.96 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)	98.7 l/min	17.0 MPa	28.0 kW
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Flow rate, Pressure, Power (couplers: 2 pairs or +)	103.0 l/min	18.0 MPa	30.9 kW
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Maximum lifting force

at the hitch points, at frame	34.3 kN	30.3 kN
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