



OECD approval number

2/2 442

OECD approval date

07/10/2008

Make

Case IH

Model

Maxxum 125 Value

Type

4 WD

BEER7B - 16 speeds - 40 km/h

Manufacturer:

CNH Europe Holding S.A.

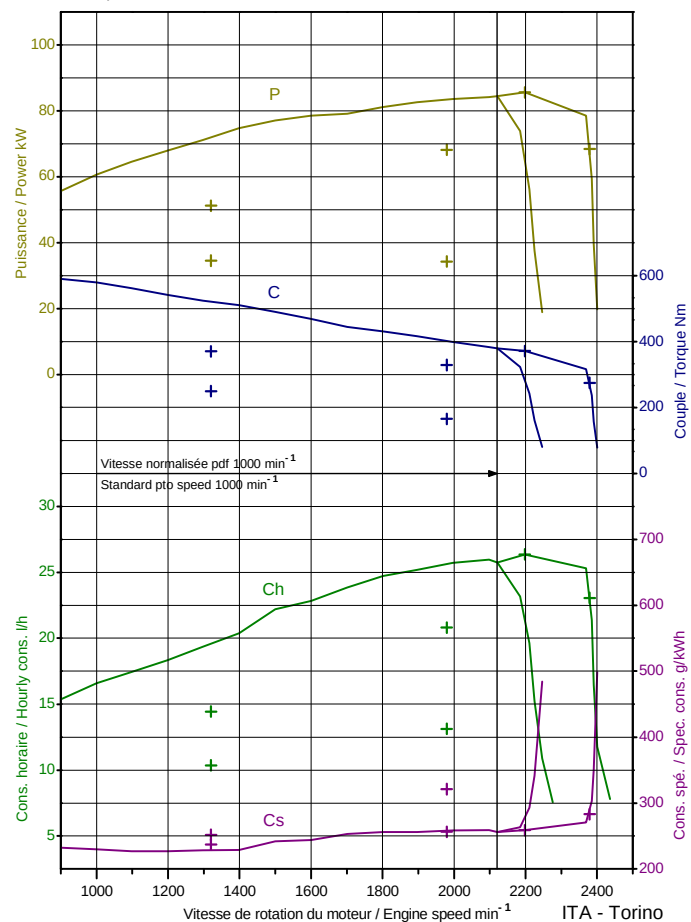
Testing station:

IMAMOTER, Torino, Italy

Case IH Maxxum 125 Value

4 RM/WD

OCDE/OECD 2/2442



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	667TA/MEK
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6728 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 2.42	to 40.70 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>	85.6 kW	2197 min ⁻¹	1037 min ⁻¹
<i>Hourly and specific consumption</i>		26.37 l/h	259 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	85.6 kW	2197 min ⁻¹	1037 min ⁻¹
<i>Hourly and specific consumption</i>		26.37 l/h	259 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	84.5 kW	2121 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		25.74 l/h	256 g/kWh

Torque rise

		58.7 %
<u>Maximum torque, Engine speed corresponding</u>	590.1 Nm	901 min ⁻¹

Drawbar Test

<i>Front tyres, Rear tyres</i>	380/85 R 30	480/80 R 42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	5155 kg	
<i>Maximum drawbar pull</i>	46.4 kN	Not
<i>at speed of</i>	3.20 km/h	required
<i>Maximum power</i>	68.0 kW	
<i>at speed of</i>	6.20 km/h	

Hydraulic Performance and Power Lift Test

Hydraulic system		Opened centre	
<u>At maximum hydraulic power</u>			
Flow rate, Pressure, Power (couplers: 1 pair)	56.5 l/min	15.0 MPa	14.1 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)	56.0 l/min	16.0 MPa	14.9 kW
<u>Maximum lifting force</u>			
at the hitch points, at frame		30.5 kN	29.4 kN

