



OECD approval number

2/2 470

OECD approval date

20/05/2009

Make

Case IH

Model

Puma 125

Type

4 WD

BLLC7B - 18 speeds - Powershift - 40 km/h

Manufacturer:

CNH Europe Holding S.A.

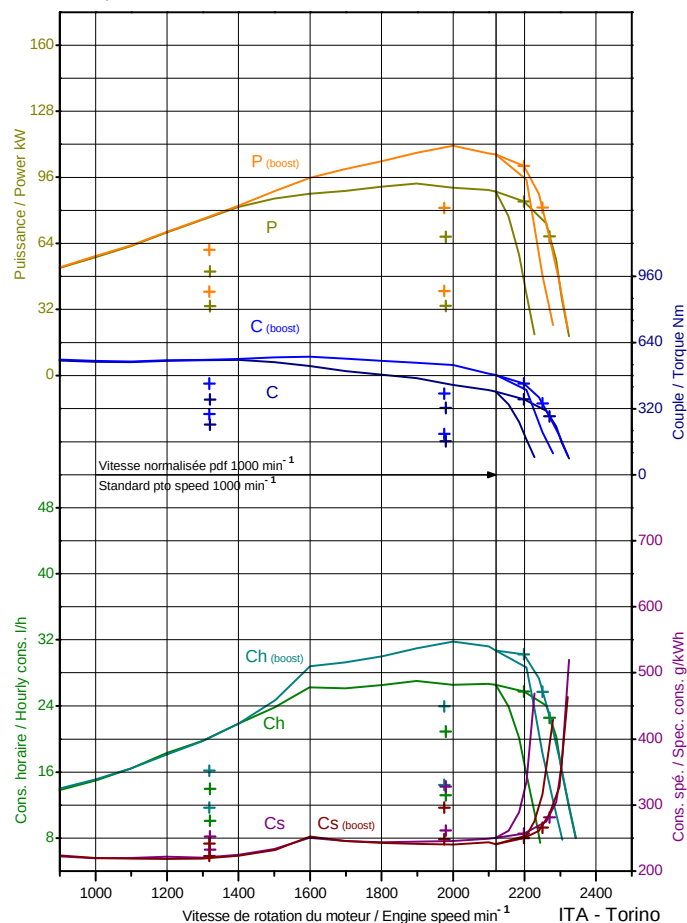
Testing station:

IMAMOTER, Torino, Italy

Case IH Puma 125

4 RM/WD

OCDE/OECD 2/2470



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

Engine, Transmission, Power take-off Specifications

Make, Model	CNH	667TA/EDD
Type, Supercharging	Driven Transfert Pump	Yes
Cylinders, Disposition	6	vertical in line
Capacity, Cooling	6728 cm ³	Liquid
Gear box		Mechanical powershift
Number of forward and reverse speeds	18	6
Speed at rated engine speed	from 1.98	to 40.80 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	92.9 kW	1899 min ⁻¹	896 min ⁻¹
Hourly and specific consumption		27.02 l/h	244 g/kWh

Test at maximum power at rated engine speed

Power, Engine and Power take-off speed	84.3 kW	2197 min ⁻¹	1037 min ⁻¹
Hourly and specific consumption		25.75 l/h	257 g/kWh

Test at standard Power take-off speed

Power, Engine and Power take-off speed	89.1 kW	2119 min ⁻¹	1000 min ⁻¹
Hourly and specific consumption		26.57 l/h	250 g/kWh

Torque rise

		52.1 %
<u>Maximum torque, Engine speed corresponding</u>	556.9 Nm	1401 min ⁻¹

Drawbar Test

Front tyres, Rear tyres	540/65 R 28	650/65 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
Total Mass	6015 kg	
Maximum drawbar pull	53.7 kN	Not
at speed of	1.81 km/h	required
Maximum power	73.2 kW	
at speed of	6.82 km/h	

Hydraulic Performance and Power Lift Test

Hydraulic system		Closed centre
<u>At maximum hydraulic power</u>		
Flow rate, Pressure, Power (couplers: 1 pair)	95.2 l/min	17.5 MPa
Flow rate, Pressure, Power (couplers: 2 pairs or +)	98.1 l/min	18.0 MPa
<u>Maximum lifting force</u>		
at the hitch points, at frame	41.0 kN	35.3 kN

