



OECD approval number
OECD approval date
Make
Model
Type

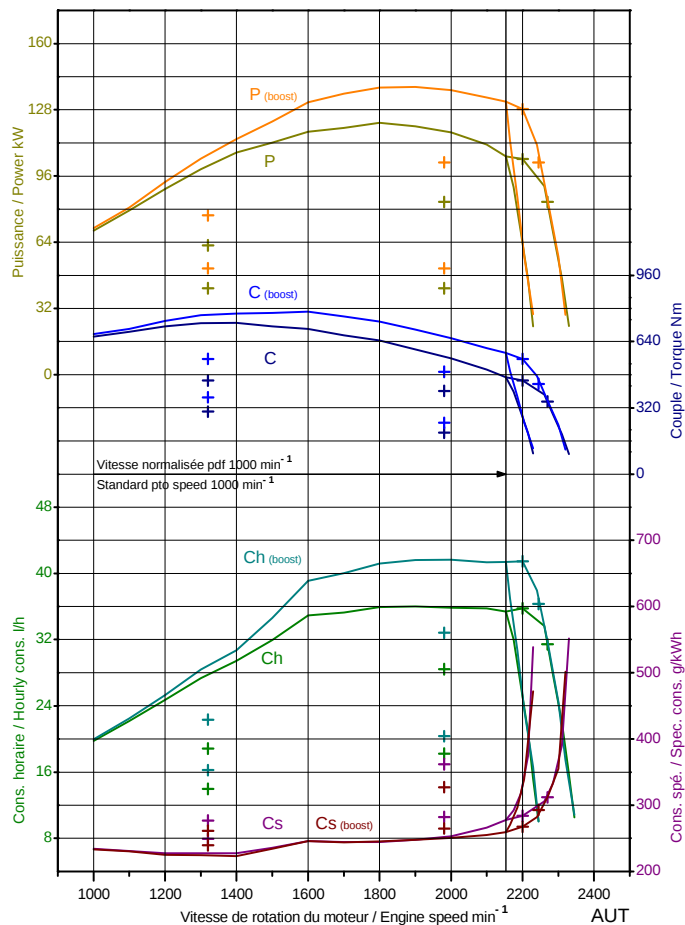
2/2 410
03/06/2008
Case IH
Puma 165
4 WD

Manufacturer:
Testing station:

BHGCFC - 50 km/h
CNH UK Limited
FJ-BLT, Wieselburg, Austria

Case IH Puma 165
4 RM/WD

OCDE/OECD 2/2410



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	667TA/EBN
<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>	19	6
<i>Speed at rated engine speed</i>	from 1.94	to 49.90 km/h
<u>Standard Power take-off speed</u>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	609 min ⁻¹	1021 min ⁻¹
<i>Diameter of the shaft</i>	34.9 mm	34.9 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>	121.7 kW	1800 min ⁻¹	836 min ⁻¹
<i>Hourly and specific consumption</i>		35.95 l/h	244 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	104.2 kW	2200 min ⁻¹	1022 min ⁻¹
<i>Hourly and specific consumption</i>		35.77 l/h	284 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	105.5 kW	2153 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		35.41 l/h	277 g/kWh

Torque rise

		61.8 %	
<u>Maximum torque, Engine speed corresponding</u>	731.8 Nm	1400 min ⁻¹	

Drawbar Test

<i>Front tyres, Rear tyres</i>	600/65 R 28	710/70 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	8040 kg	
<i>Maximum drawbar pull</i>	74.2 kN	Not
<i>at speed of</i>	1.75 km/h	required
<i>Maximum power</i>	96.7 kW	
<i>at speed of</i>	7.59 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)	97.7 l/min	17.5 MPa	28.5 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)	102.0 l/min	19.5 MPa	33.2 kW
<u>Maximum lifting force</u>			
at the hitch points, at frame		54.4 kN	45.7 kN

