



OECD approval number
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Make
Model
Type

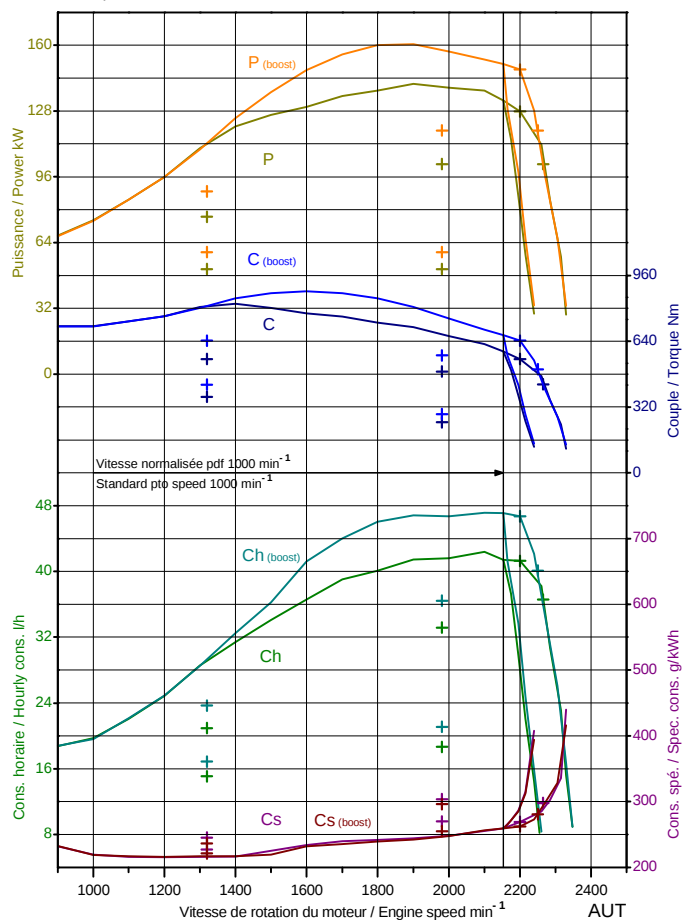
2/2 425
06/08/2008
Case IH
Puma 195
4 WD

Manufacturer:
Testing station:

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

Case IH Puma 195
4 RM/WD

OCDE/OECD 2/2425



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	667TA/EBC
<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 49.94 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>	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>	141.2 kW	1900 min ⁻¹	882 min ⁻¹
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<i>Hourly and specific consumption</i>	41.46 l/h	244 g/kWh
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Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	127.7 kW	2200 min ⁻¹	1022 min ⁻¹
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<i>Hourly and specific consumption</i>	41.30 l/h	269 g/kWh
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Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	133.0 kW	2153 min ⁻¹	1000 min ⁻¹
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<i>Hourly and specific consumption</i>	41.44 l/h	259 g/kWh
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Torque rise

48.4 %

Maximum torque, Engine speed corresponding

822.8 Nm	1400 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

600/65 R 28	710/70 R 38
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Test with tractor

<u>unballasted</u>	<u>ballasted</u>
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Total Mass

8000 kg

Maximum drawbar pull

73.7 kN

Not

at speed of

4.28 km/h

required

Maximum power

114.6 kW

at speed of

7.99 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	96.8 l/min	17.5 MPa	28.2 kW
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<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	125.0 l/min	18.5 MPa	38.5 kW
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Maximum lifting force*at the hitch points, at frame*

66.2 kN	56.8 kN
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