



OECD approval number

2/2 427

OECD approval date

06/08/2008

Make

Case IH

Model

Puma 210

Type

4 WD

BHKCFB - 40 km/h

Manufacturer:

CNH UK Limited

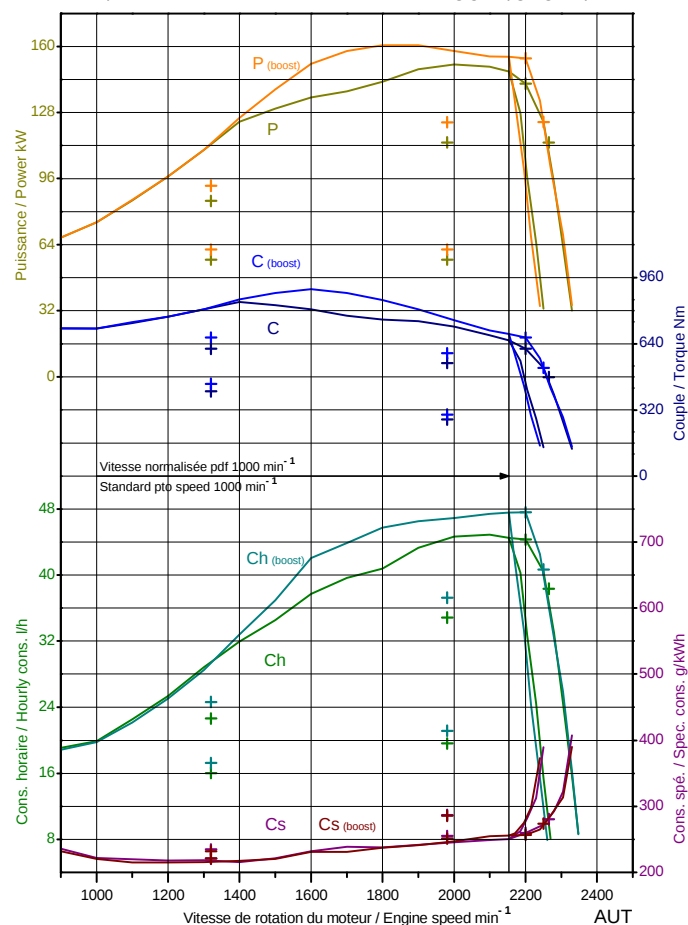
Testing station:

FJ-BLT, Wieselburg, Austria

Case IH Puma 210

4 RM/WD

OCDE/OECD 2/2427



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	667TA/EBH
<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 40.80 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>	151.4 kW	2000 min ⁻¹	929 min ⁻¹
<i>Hourly and specific consumption</i>		44.65 l/h	245 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	142.0 kW	2200 min ⁻¹	1022 min ⁻¹
<i>Hourly and specific consumption</i>		44.30 l/h	260 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	148.0 kW	2153 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		44.51 l/h	250 g/kWh

Torque rise

		36.7 %	
<u>Maximum torque, Engine speed corresponding</u>	842.7 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>	8125 kg	
<i>Maximum drawbar pull</i>	71.1 kN	Not
<i>at speed of</i>	2.45 km/h	required
<i>Maximum power</i>	124.2 kW	
<i>at speed of</i>	9.76 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	95.0 l/min	18.0 MPa	28.5 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	133.3 l/min	17.5 MPa	38.9 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>	62.1 kN	60.0 kN	

