



OECD approval number

2/2 572

OECD approval date

06/09/2010

Make

CASE IH

Model

Puma 225

Type

4 WD

continuously variable transmission - 50 km/h

Manufacturer:

CNH Österreich GmbH

Testing station:

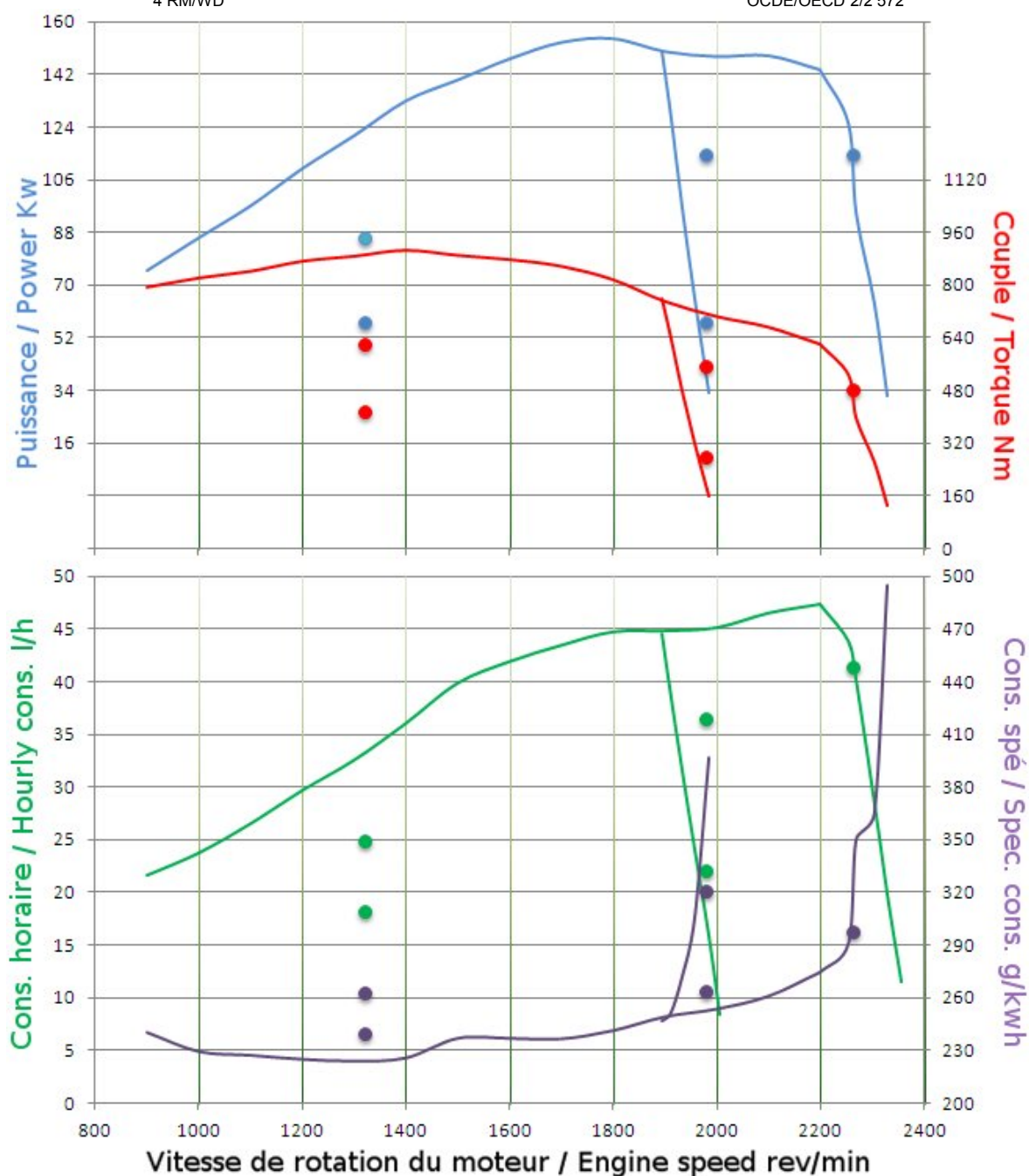
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Biomass, Austria

CASE IH Puma 225

4 RM/WD

OCDE/OECD 2/2 572



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	CNH	667TA/EBV
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6728 cm <sup>3</sup>	Liquid
<i>Gear box</i>		continuously variable transmission
<i>Number of forward and reverse speeds</i>	NA	NA
<i>Speed at rated engine speed</i>	from 0	to 49,90 km/h
<i>Standard Power take-off speed</i>	540 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Power take-off speed at rated engine speed</i>	609 min <sup>-1</sup>	1162 min <sup>-1</sup>
<i>Diameter of the shaft</i>	34,9 mm	34,9 mm
<i>Number of splines</i>	6	21

**Power take-off Test**One hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	154,0 kW	1800 min <sup>-1</sup>	951 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		44,71 dm <sup>3</sup> /h	241,2 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	143.4 kW	2200 min <sup>-1</sup>	1162 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		47,33 dm <sup>3</sup> /h	274,2 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	150,0 kW	1893 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		44,49 dm <sup>3</sup> /h	246,5 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		905,5 Nm	1400 min <sup>-1</sup>
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**Drawbar Test**

<i>Front tyres, Rear tyres</i>	600/65/R 28	710/70/R 38
<i>Test with tractor</i>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	8765 kg	
<i>Maximum drawbar pull</i>	84,78 kN	<i>Not</i>
<i>at speed of</i>	2,06 km/h	<i>required</i>
<i>Maximum power</i>	131,58 kW	
<i>at speed of</i>	11,47 km/h	

**Hydraulic Performance and Power Lift Test**

<i>Hydraulic system</i>			Closed
<i>At maximum hydraulic power</i>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	148,0 l/min	16,0 MPa	39,5 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	152,3 l/min	19,0 MPa	48,2 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		82,4 kN	69,5 kN