



OECD approval number

2/2 495

OECD approval date

17/07/2009

Make

Case IH

Model

Puma 140 Multicontroller

Type

4 WD

BLNCFB - Puma 140 - 19 speeds

Semi-powershift - 40 km/h

Manufacturer:

CNH Europe Holding S.A.

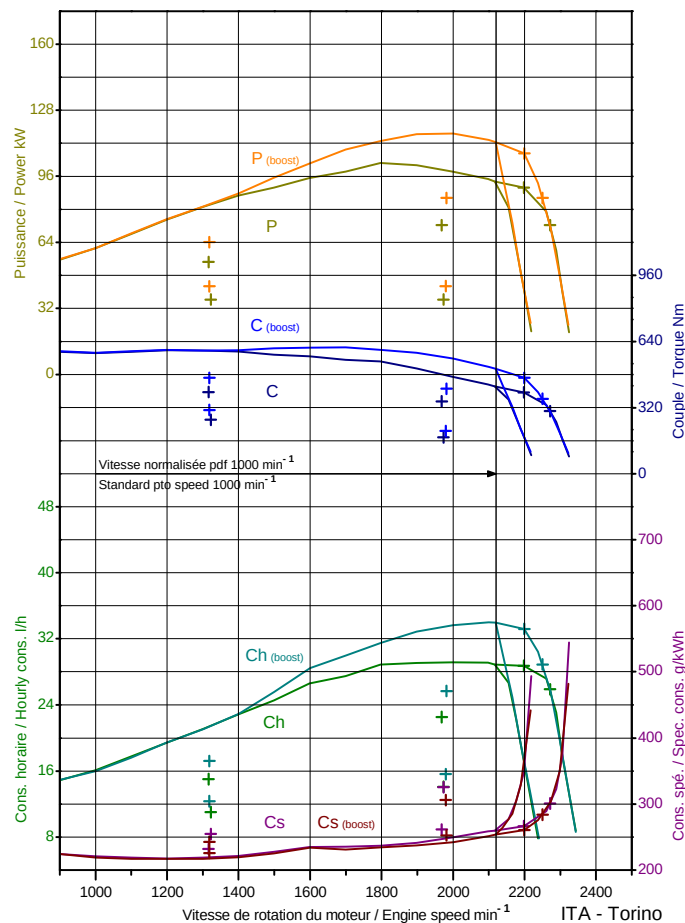
Testing station:

IMAMOTER, Torino, Italy

Case IH Puma 140 Multicontroller

4 RM/WD

OCDE/OECD 2/2495



Engine, Transmission, Power take-off Specifications

Make, Model	CNH	667TA/EEK
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	19	6
Speed at rated engine speed	from 2.52	to 41.90 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	102.5 kW	1797 min ⁻¹	848 min ⁻¹
Hourly and specific consumption		28.89 l/h	237 g/kWh

Test at maximum power at rated engine speed

Power, Engine and Power take-off speed	90.6 kW	2197 min ⁻¹	1037 min ⁻¹
Hourly and specific consumption		28.71 l/h	266 g/kWh

Test at standard Power take-off speed

Power, Engine and Power take-off speed	93.5 kW	2117 min ⁻¹	999 min ⁻¹
Hourly and specific consumption		28.89 l/h	260 g/kWh

Torque rise

		51.9 %	
<u>Maximum torque, Engine speed corresponding</u>	597.9 Nm	1201 min ⁻¹	

Drawbar Test

Front tyres, Rear tyres

	540/65 R 28	650/65 R 38
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Test with tractor

Total Mass

Maximum drawbar pull

at speed of

Maximum power

at speed of

<u>unballasted</u>	<u>ballasted</u>
6225 kg	
57.5 kN	Not
2.32 km/h	required
84.6 kW	
13.35 km/h	

Hydraulic Performance and Power Lift Test

Hydraulic system

Closed centre

At maximum hydraulic power

Flow rate, Pressure, Power (couplers: 1 pair)	84.3 l/min	17.0 MPa	23.9 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)	83.9 l/min	18.0 MPa	25.2 kW

Maximum lifting force

at the hitch points, at frame	50.7 kN	41.2 kN
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