



OECD approval number

2/2 245

Restricted Code

OECD approval date

17/05/2005

Make

Case IH

Model

MXU 110

Type

4 WD

PBC7BC2 - 40 km/h

Manufacturer

CNH UK Limited

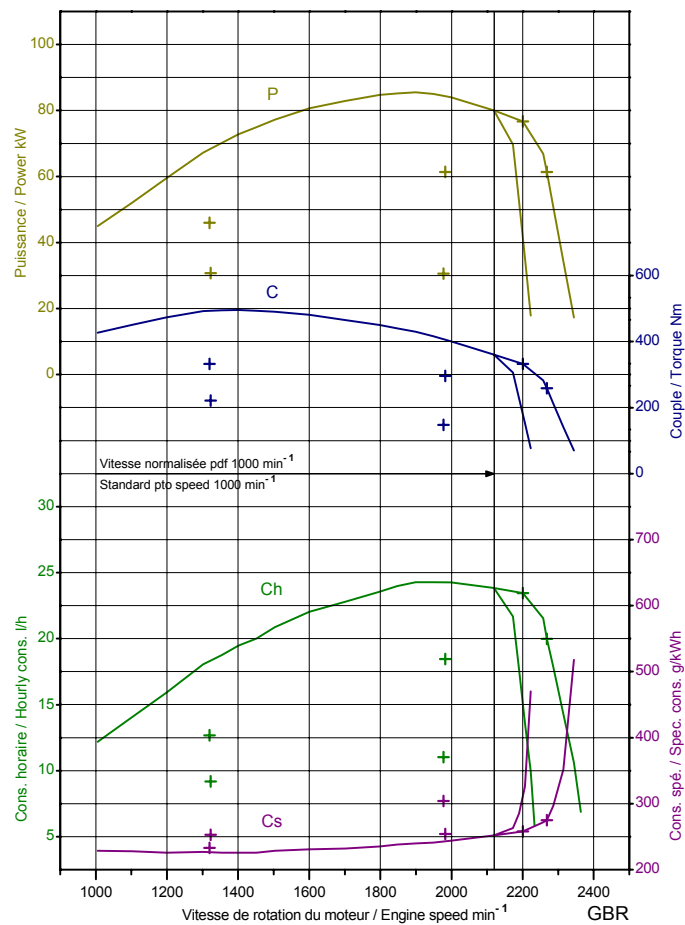
Testing station:

SRI, Silsoe, United Kingdom

Case IH MXU 110

4 RM/WD

OCDE/OECD 2/2245



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	F4DE0484A*D
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4485 cm ³	Liquid
<i>Gear box</i>		Mechanical powershift
<i>Number of forward and reverse speeds</i>		16 16
<i>Speed at rated engine speed</i>		from 2.27 to 38.14 km/h
<u>Standard Power take-off speed</u>		<u>540 min⁻¹</u> <u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>		603 min ⁻¹ 1038 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>	85.5 kW	1899 min ⁻¹	896 min ⁻¹
<i>Hourly and specific consumption</i>		24.28 l/h	240 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	76.7 kW	2201 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		23.45 l/h	258 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	80.0 kW	2119 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		23.85 l/h	252 g/kWh

Torque rise

		49.0 %	
<u>Maximum torque, Engine speed corresponding</u>		496.1 Nm	1406 min ⁻¹

Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	480/65 R 28	600/65 R 38
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Total Mass

	<u>unballasted</u>	<u>ballasted</u>
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<i>Maximum drawbar pull</i>	5188 kg	
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<i>at speed of</i>	54.8 kN	Not
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<i>Maximum power</i>	2.09 km/h	required
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<i>at speed of</i>	72.4 kW	in
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	5.34 km/h	Code 2
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Hydraulic Performance and Power Lift Test*Hydraulic system*

<u>At maximum hydraulic power</u>			Closed centre
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<i>Flow rate, Pressure, Power</i>	93.4 l/min	18.0 MPa	28.0 kW
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<u>Maximum lifting force</u>			
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<i>at hitch points, at frame</i>		42.1 kN	34.8 kN
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