



OECD approval number

1 678/2

Restricted Code

OECD approval date

02/10/1997

Make

Case IH

Model

MX 120

Type

4 WD

MAXXUM - 16 speeds - 30 km/h

Manufacturer

Case United Kingdom Limited

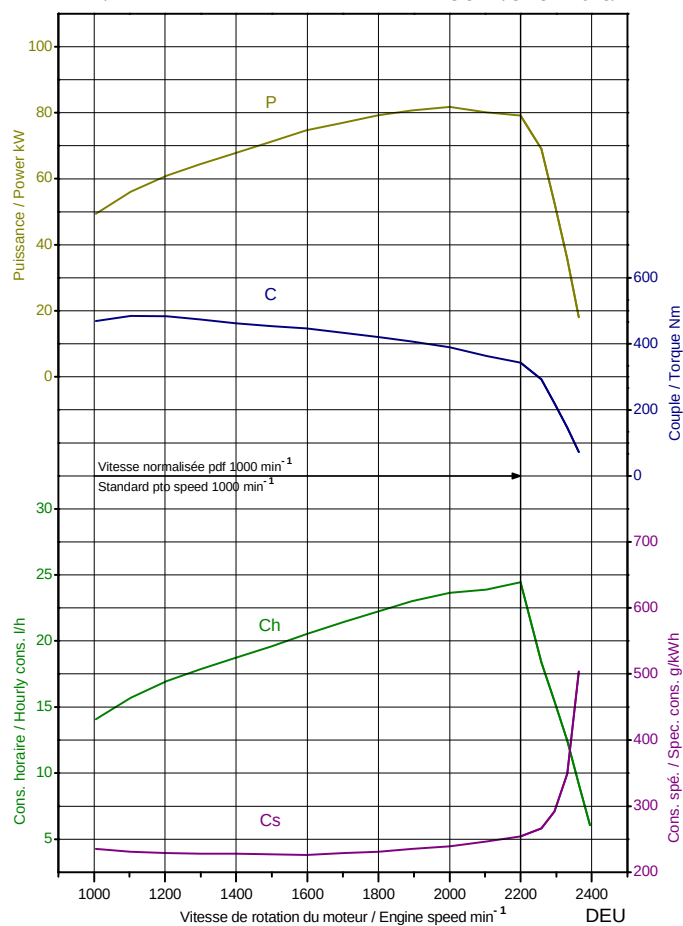
Testing station:

DLG, Gross-Umstadt, Germany

Case IH MX 120

4 RM/WD

OCDE/OECD 1678/2



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CDC	6T-590
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	5883 cm ³	Liquid
<i>Gear box</i>		Mechanical powershift
<i>Number of forward and reverse speeds</i>	16	12
<i>Speed at rated engine speed</i>	from 2.20	to 29.57 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>	549 min ⁻¹	996 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 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>	81.7 kW	2000 min ⁻¹	905 min ⁻¹
<i>Hourly and specific consumption</i>		23.64 l/h	239 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	79.2 kW	2200 min ⁻¹	996 min ⁻¹
<i>Hourly and specific consumption</i>		24.46 l/h	254 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	79.2 kW	2200 min ⁻¹	996 min ⁻¹
<i>Hourly and specific consumption</i>		24.46 l/h	254 g/kWh

Torque rise

			41.0 %
<u>Maximum torque, Engine speed corresponding</u>		485.0 Nm	1104 min ⁻¹

Drawbar Test*Front tyres, Rear tyres*

	16.9 R 28	20.8 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>

Total Mass

	5820 kg	
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Maximum drawbar pull

	62.4 kN	Not
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at speed of

	3.35 km/h	required
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Maximum power

	71.3 kW	in
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at speed of

	8.90 km/h	Code 2
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Hydraulic Performance and Power Lift Test*Hydraulic system*

		Closed centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	90.1 l/min	15.0 MPa	22.5 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		44.7 kN	35.3 kN
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