



OECD approval number

1/1 765

OECD approval date

Full Code
02/06/1998

Make

Case IH

Model

MX 170

Type

4 WD

Series MAXXUM - 40 km/h

Manufacturer

Case United Kingdom Limited

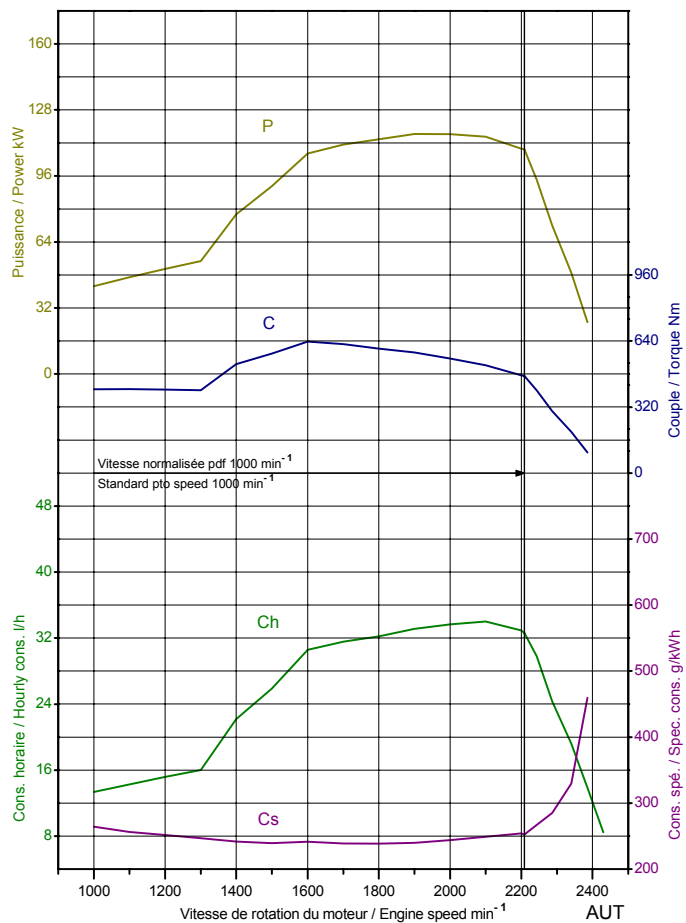
Testing station:

BLT, Wieselburg, Austria

Case IH MX 170

4 RM/WD

OCDE/OECD 1/1765



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CDC	6TA-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 2.88	to 39.20 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>	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>	116.4 kW	1900 min ⁻¹	860 min ⁻¹
<i>Hourly and specific consumption</i>		33.12 l/h	240 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	109.0 kW	2209 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		32.63 l/h	253 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	109.0 kW	2209 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		32.63 l/h	253 g/kWh

Torque rise

		35.4 %	
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<u>Maximum torque, Engine speed corresponding</u>	638.1 Nm	1600 min ⁻¹	
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Drawbar Test

<i>Front tyres, Rear tyres</i>	480/70 R 30	20.8 R 42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	7370 kg	12500 kg
<i>Maximum drawbar pull</i>	76.3 kN	128.3 kN
<i>at speed of</i>	2.30 km/h	2.38 km/h
<i>Maximum power</i>	114.9 kW	113.6 kW
<i>at speed of</i>	10.37 km/h	6.59 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</i>	85.3 l/min	13.5 MPa	19.2 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		62.3 kN	54.2 kN

