



OECD approval number

1 693

Restricted Code

OECD approval date

22/10/1997

Make

Case IH

Model

MX 100

Type

4 WD

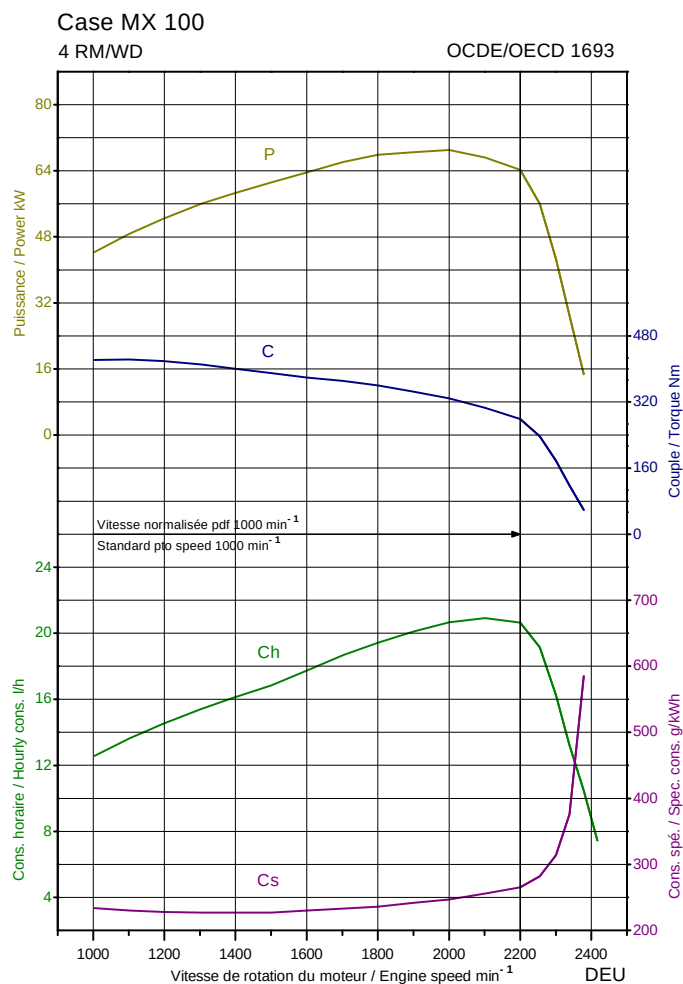
série MAXXUM - 16 speeds - 40 km/h

Manufacturer

Case United Kingdom Limited

Testing station:

DLG, Gross-Umstadt, Germany



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 2.87	to 38.61 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>	634 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>	69.0 kW	2000 min ⁻¹	905 min ⁻¹
<i>Hourly and specific consumption</i>		20.67 l/h	247 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	64.2 kW	2200 min ⁻¹	996 min ⁻¹
<i>Hourly and specific consumption</i>		20.65 l/h	265 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	64.2 kW	2200 min ⁻¹	996 min ⁻¹
<i>Hourly and specific consumption</i>		20.65 l/h	265 g/kWh

Torque rise

51.6 %

Maximum torque, Engine speed corresponding423.0 Nm 1102 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

16.9 R 28 20.8 R 38

Test with tractorunballasted ballasted*Total Mass*

6265 kg

Maximum drawbar pull

65.7 kN

*at speed of*2.79 km/h *required**Maximum power*

58.7 kW

*at speed of*7.08 km/h *Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	86.8 l/min	15.0 MPa	21.7 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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