



OECD approval number

1 692/2

Restricted Code

OECD approval date

21/10/1997

Make

Case IH

Model

MX 100

Type

4 WD

série MAXXUM - 16 speeds - 30 km/h

Manufacturer

Case United Kingdom Limited

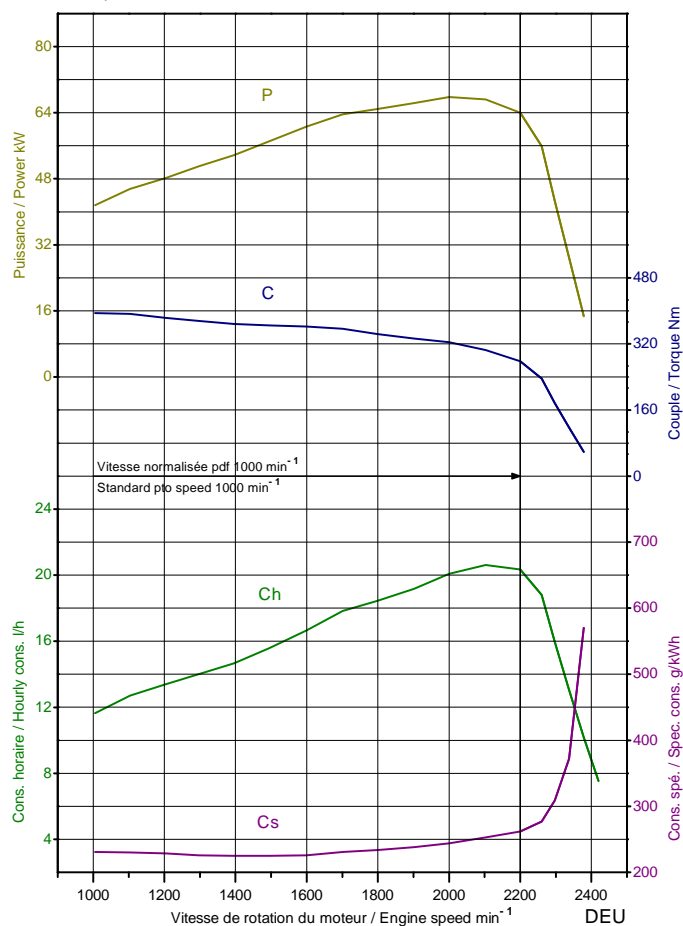
Testing station:

DLG, Gross-Umstadt, Germany

Case MX 100

4 RM/WD

OCDE/OECD 1692/2



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>	<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>	67.8 kW	2000 min ⁻¹	905 min ⁻¹
<i>Hourly and specific consumption</i>		20.08 l/h	244 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	64.0 kW	2200 min ⁻¹	996 min ⁻¹
<i>Hourly and specific consumption</i>		20.35 l/h	262 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	64.0 kW	2200 min ⁻¹	996 min ⁻¹
<i>Hourly and specific consumption</i>		20.35 l/h	262 g/kWh

Torque rise

42.1 %

Maximum torque, Engine speed corresponding395.0 Nm 1005 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

16.9 R 28 20.8 R 38

Test with tractorunballasted ballasted*Total Mass*

5820 kg

Maximum drawbar pull

63.9 kN

Not

at speed of

2.32 km/h

required

Maximum power

59.8 kW

in

at speed of

8.89 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power*

90.1 l/min

15.0 MPa

22.5 kW

Maximum lifting force*at hitch points, at frame*

45.8 kN

32.4 kN

