



OECD approval number

1 680

OECD approval date

Restricted Code

03/10/1997

Make

Case IH

Model

MX 110

Type

4 WD

MAXXUM - 16 speeds - 40 km/h

Manufacturer

Case United Kingdom Limited

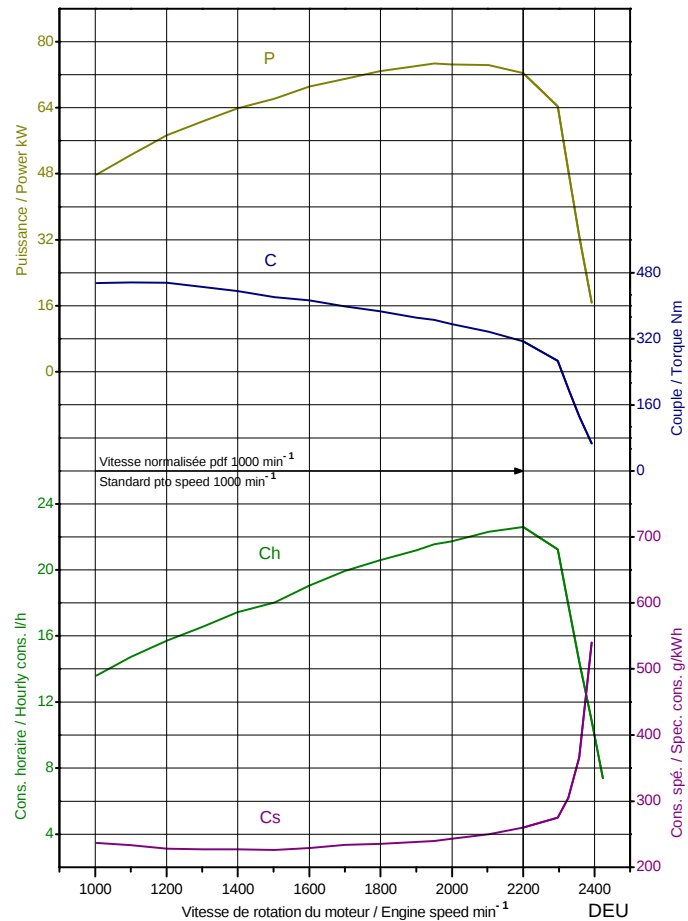
Testing station:

DLG, Gross-Umstadt, Germany

Case IH MX 110

4 RM/WD

OCDE/OECD 1680



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>	540 min ⁻¹	1000 min ⁻¹
<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>	74.7 kW	1950 min ⁻¹	883 min ⁻¹
<i>Hourly and specific consumption</i>		21.56 l/h	240 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	72.4 kW	2200 min ⁻¹	996 min ⁻¹
<i>Hourly and specific consumption</i>		22.61 l/h	260 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	72.4 kW	2200 min ⁻¹	996 min ⁻¹
<i>Hourly and specific consumption</i>		22.61 l/h	260 g/kWh

Torque rise

45.5 %

Maximum torque, Engine speed corresponding457.0 Nm 1100 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

67.1 kN

Not

at speed of

2.53 km/h

required

Maximum power

62.3 kW

in

at speed of

8.49 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

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

86.8 l/min

15.0 MPa

21.7 kW

Maximum lifting force*at hitch points, at frame*

44.7 kN

35.3 kN

