



OECD approval number

1/1 939

OECD approval date

Full Code

08/11/00

Make

Case IH

Model

MX 100C

Type

4 WD

40 km/h

Manufacturer

Case United Kingdom Limited

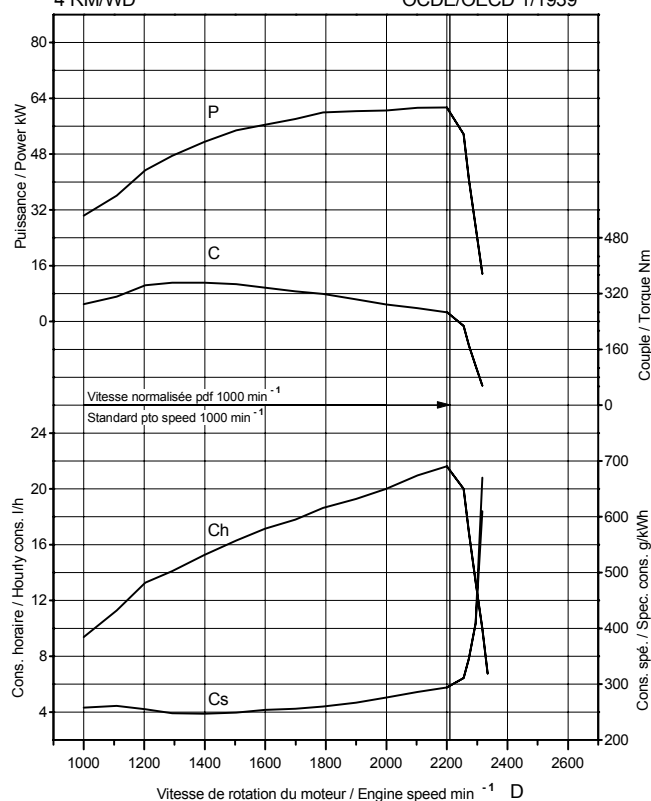
Testing station:

DLG, Gross-Umstadt, Germany

Case IH MX 100C

4 RM/WD

OCDE/OECD 1/1939



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1004-4T HR
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	in line
<i>Capacity, Cooling</i>	3990 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 2.76	to 37.02 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>	61.4 kW	2200 min ⁻¹	996 min ⁻¹
<i>Hourly and specific consumption</i>		21.62 l/h	294 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	61.4 kW	2200 min ⁻¹	996 min ⁻¹
<i>Hourly and specific consumption</i>		21.62 l/h	294 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	61.4 kW	2200 min ⁻¹	996 min ⁻¹
<i>Hourly and specific consumption</i>		21.62 l/h	294 g/kWh

Torque rise

31.8 %

Maximum torque, Engine speed corresponding352.0 Nm 1398 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

420/70 - 28 520/70 - 38

Test with tractorunballasted ballasted*Total Mass*

5075 kg 7740 kg

Maximum drawbar pull

54.7 kN 75.6 kN

at speed of

2.88 km/h 2.39 km/h

Maximum power

54.0 kW 55.0 kW

at speed of

5.94 km/h 4.84 km/h

Power Lift and Hydraulic Performance Test*Hydraulic system*

Closed centre

Maximum lifting force at hitch points, at frame

40.1 kN 32.9 kN

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	81.0 l/min	16.0 MPa	21.6 kW
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