



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

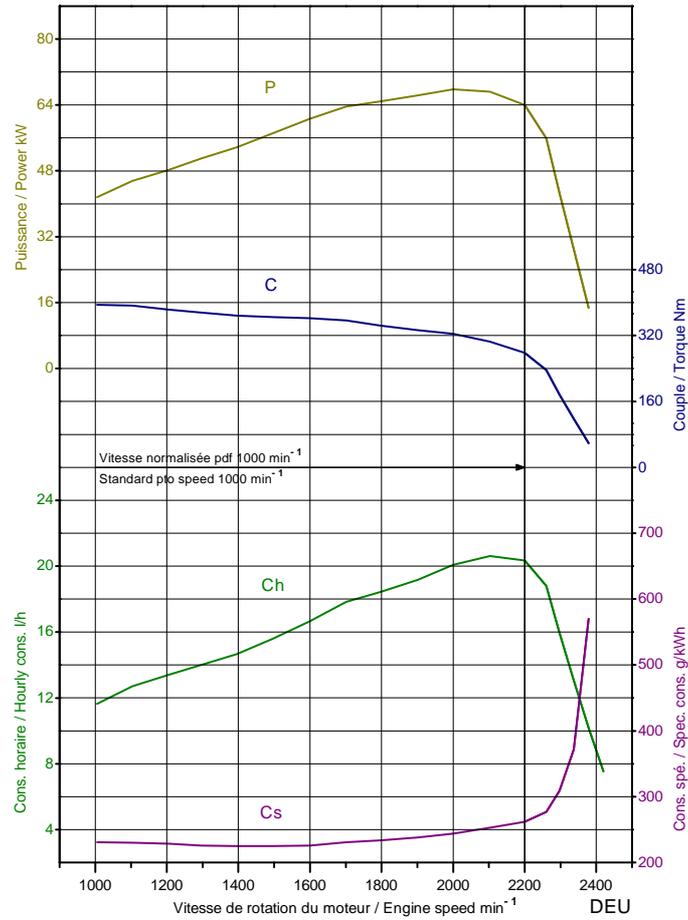
Testing station:

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 Test

<u>Two hours test at maximum power</u>			
<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
<u>Test at maximum power at rated engine speed</u>			
<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
<u>Test at standard Power take-off speed</u>			
<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
<u>Torque rise</u>			42.1 %
<u>Maximum torque. Engine speed corresponding</u>		395.0 Nm	1005 min ⁻¹

Drawbar Test

<i>Front tyres, Rear tyres</i>	16.9 R 28	20.8 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	5820 kg	
<i>Maximum drawbar pull</i>	63.9 kN	Not
<i>at speed of</i>	2.32 km/h	required
<i>Maximum power</i>	59.8 kW	in
<i>at speed of</i>	8.89 km/h	Code 2

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Closed centre	
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	90.1 l/min	15.0 MPa	22.5 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		45.8 kN	32.4 kN

