



OECD approval number

2/1 930

Restricted Code

OECD approval date

07/11/00

Make

Case IH

Model

MX 80C

Type

4 WD

40 km/h

Manufacturer

Case United Kingdom Limited

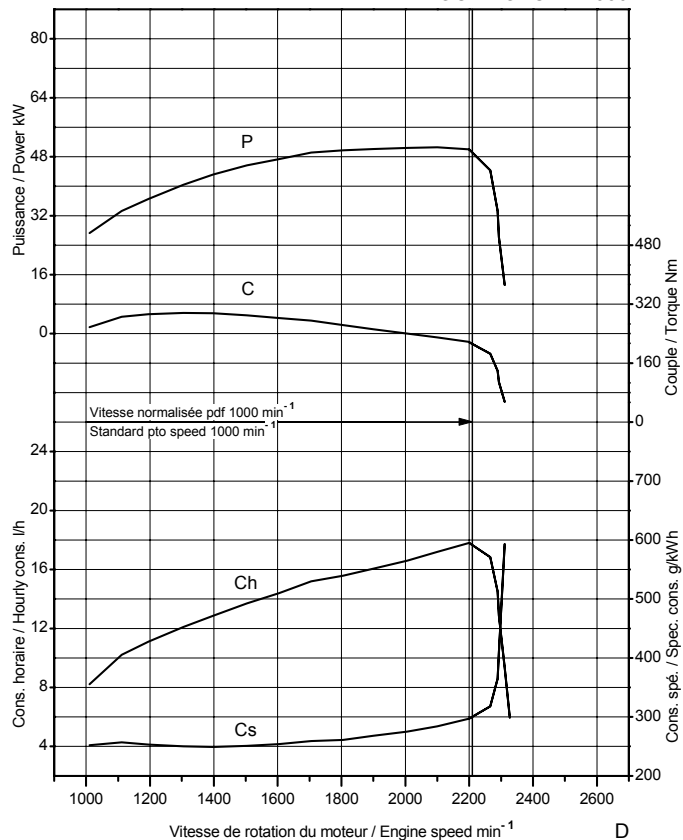
Testing station:

DLG, Gross-Umstadt, Germany

Case IH MX 80C

4 RM/WD

OCDE/OECD 2/1930



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 2.59	to 34.76 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>	50.6 kW	2100 min ⁻¹	950 min ⁻¹
<i>Hourly and specific consumption</i>		17.20 l/h	284 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	50.0 kW	2200 min ⁻¹	996 min ⁻¹
<i>Hourly and specific consumption</i>		17.81 l/h	297 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	50.0 kW	2200 min ⁻¹	996 min ⁻¹
<i>Hourly and specific consumption</i>		17.81 l/h	297 g/kWh

Torque rise

		36.4 %
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<u>Maximum torque, Engine speed corresponding</u>	296.0 Nm	1305 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	440/65 - 24	520/70 - 34
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	4800 kg	
<i>Maximum drawbar pull</i>	49.3 kN	Not
<i>at speed of</i>	2.71 km/h	required
<i>Maximum power</i>	43.9 kW	in
<i>at speed of</i>	9.06 km/h	Code 2

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Closed centre
<i>Maximum lifting force at hitch points, at frame</i>	42.8 kN	34.7 kN
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	90.4 l/min	15.0 MPa
		22.6 kW

