



OECD approval number

2/1 929

Restricted Code

OECD approval date

03/11/00

Make

Case IH

Model

MX 90C

Type

4 WD

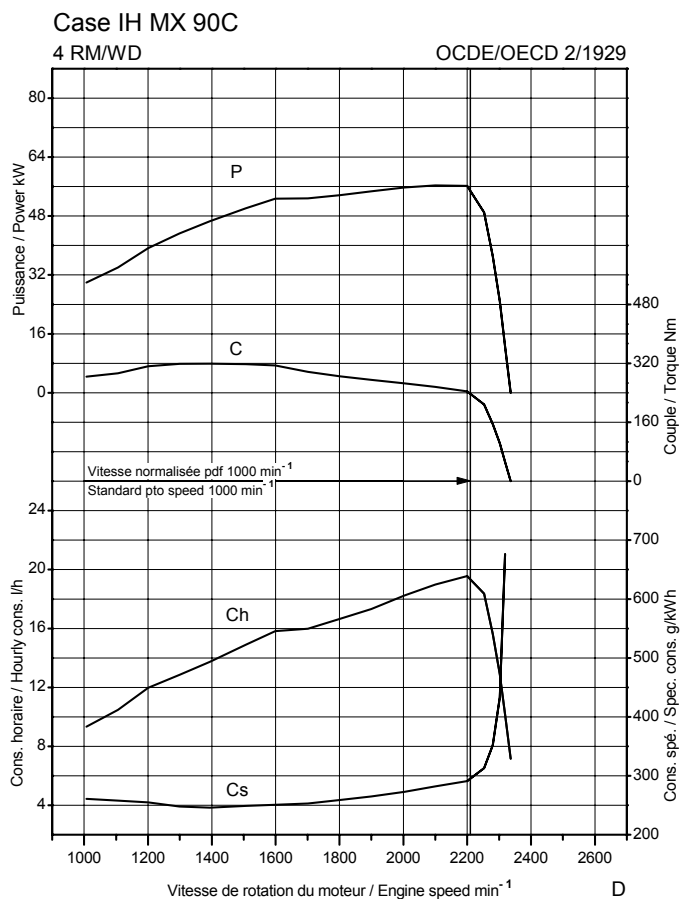
40 km/h

Manufacturer

Case United Kingdom Limited

Testing station:

DLG, Gross-Umstadt, Germany



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>	56.3 kW	2100 min ⁻¹	950 min ⁻¹
<i>Hourly and specific consumption</i>		18.98 l/h	282 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	56.2 kW	2200 min ⁻¹	996 min ⁻¹
<i>Hourly and specific consumption</i>		19.56 l/h	291 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	56.2 kW	2200 min ⁻¹	996 min ⁻¹
<i>Hourly and specific consumption</i>		19.56 l/h	291 g/kWh

Torque rise

30.9 %

Maximum torque, Engine speed corresponding319.5 Nm 1394 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

420/70 - 28 520/70 - 38

Test with tractorunballasted ballasted*Total Mass*

5080 kg

Maximum drawbar pull

53.5 kN

Not

at speed of

2.40 km/h

required

Maximum power

48.2 kW

in

at speed of

9.53 km/h

Code 2

Power Lift and Hydraulic Performance Test*Hydraulic system*

Closed centre

Maximum lifting force at hitch points, at frame

39.7 kN

32.5 kN

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

79.0 l/min

15.0 MPa

19.8 kW

