



OECD approval number

2/1 835

Restricted Code

OECD approval date

22/07/1999

Make

Case IH

Model

MX 240

Type

4 WD

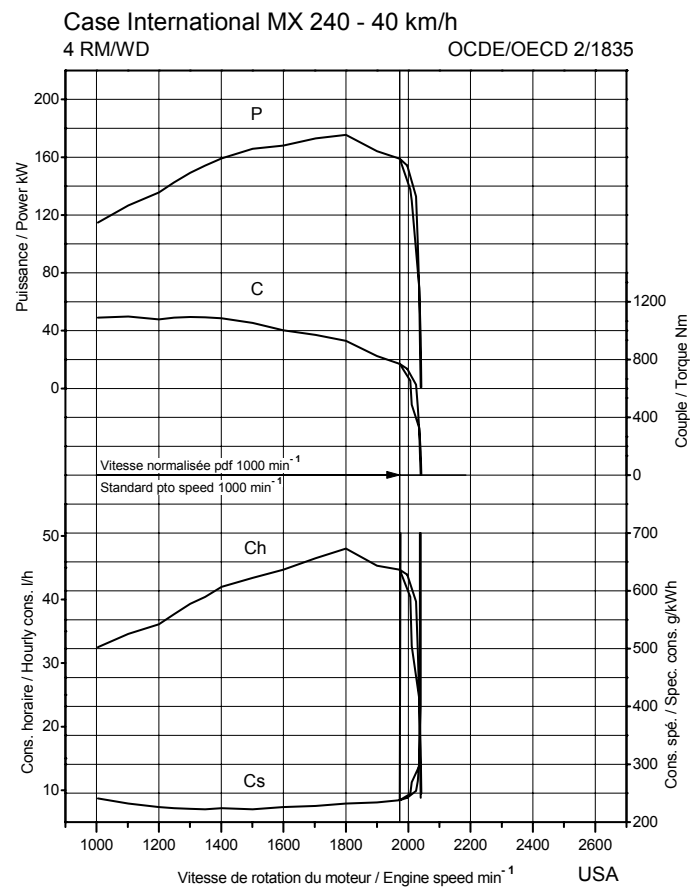
18 speeds - 40 km/h

Case Corporation

Manufacturer

Testing station:

Nebraska Tractor Test Laboratory, Lincoln, USA



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Consolidated Diesel Co.	6TAA-8304
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	8268 cm ³	Liquid
<i>Gear box</i>		Mechanical powershift
<i>Number of forward and reverse speeds</i>		18 4
<i>Speed at rated engine speed</i>		from 3.12 to 36.04 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>		1013 min ⁻¹
<i>Diameter of the shaft</i>		45 mm
<i>Number of splines</i>		20

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	175.4 kW	1800 min ⁻¹	912 min ⁻¹
<i>Hourly and specific consumption</i>		47.97 l/h	232 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	154.2 kW	1997 min ⁻¹	1012 min ⁻¹
<i>Hourly and specific consumption</i>		43.90 l/h	242 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	159.1 kW	1973 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		44.66 l/h	238 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		1098.0 Nm	1102 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	16.9 R 30	20.8 R 42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	9414 kg	12127 kg
<i>Maximum drawbar pull</i>	93.1 kN	119.7 kN
<i>at speed of</i>	4.84 km/h	3.80 km/h
<i>Maximum power</i>	149.6 kW	152.1 kW
<i>at speed of</i>	8.51 km/h	6.45 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	108.6 l/min	19.0 MPa	34.3 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		71.2 kN	61.9 kN