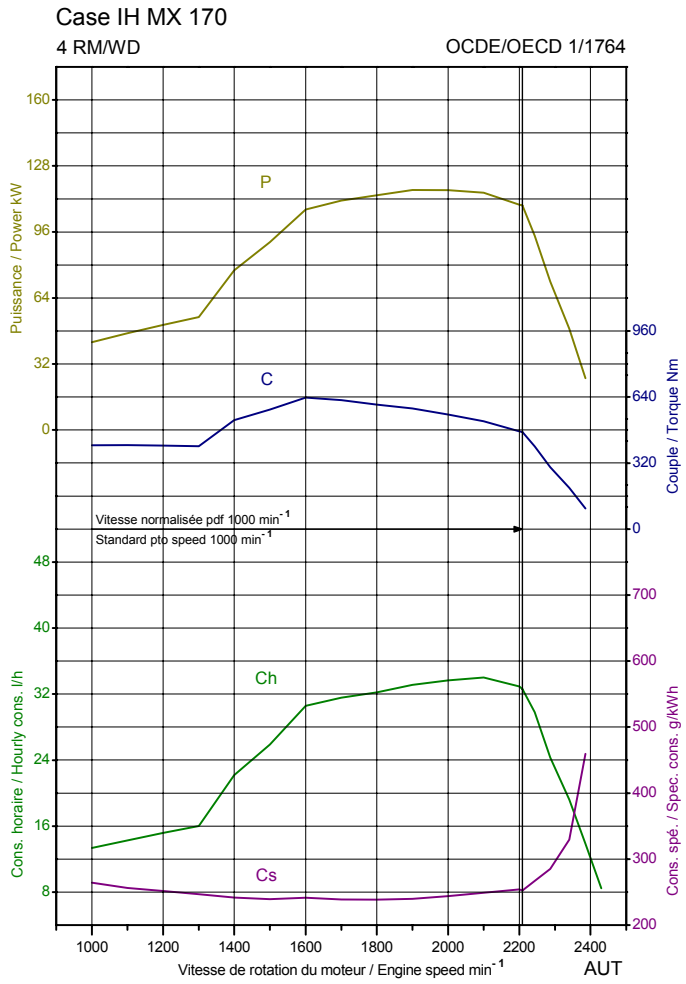
OECD approval number	**1/1 764**
	Full Code
OECD approval date	**02/06/1998**
Make	**Case IH**
Model	**MX 170**
Type	**4 WD**
	Series MAXXUM - 30 km/h
Manufacturer	Case United Kingdom Limited
Testing station:	BLT, Wieselburg, Austria



Engine, Transmission, Power take-off Specifications

Make, Model	CDC		6TA-590
Type, Supercharging	Direct injection		Yes
Cylinders, Disposition	6		vertical in line
Capacity, Cooling	5883 cm^3		Liquid
Gear box			Mechanical powershift
Number of forward and reverse speeds		16	12
Speed at rated engine speed		from 2.16	to 29.46 km/h
Standard Power take-off speed		540 min^{-1}	1000 min^{-1}
Power take-off speed at rated engine speed		549 min^{-1}	996 min^{-1}
Diameter of the shaft		35 mm	35 mm
Number of splines		6	21

Power take-off Test

Two hours test at maximum power			
Power, Engine and Power take-off speed	116.4 kW	1900 min^{-1}	860 min^{-1}
Hourly and specific consumption		33.12 l/h	240 g/kWh
Test at maximum power at rated engine speed			
Power, Engine and Power take-off speed	109.0 kW	2209 min^{-1}	1000 min^{-1}
Hourly and specific consumption		32.63 l/h	253 g/kWh
Test at standard Power take-off speed			
Power, Engine and Power take-off speed	109.0 kW	2209 min^{-1}	1000 min^{-1}
Hourly and specific consumption		32.63 l/h	253 g/kWh
Torque rise			35.4 %
Maximum torque, Engine speed corresponding		638.1 Nm	1600 min^{-1}

Drawbar Test

Front tyres, Rear tyres		480/70 R 30	20.8 R 42
Test with tractor		unballasted	ballasted
Total Mass		7370 kg	12500 kg
Maximum drawbar pull		82.6 kN	125.5 kN
at speed of		1.94 km/h	1.91 km/h
Maximum power		111.9 kW	110.6 kW
at speed of		6.62 km/h	6.77 km/h

Hydraulic Performance and Power Lift Test

Hydraulic system			Closed centre
At maximum hydraulic power			
Flow rate, Pressure, Power	85.3 l/min	13.5 MPa	19.2 kW
Maximum lifting force			
at hitch points, at frame		62.3 kN	54.2 kN

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