



**OECD approval number**

**1/1 763**

**OECD approval date**

**Full Code  
28/05/1998**

**Make**

**Case IH**

**Model**

**MX 150**

**Type**

**4 WD**

*Manufacturer*

Series MAXXUM - 40 km/h

*Testing station:*

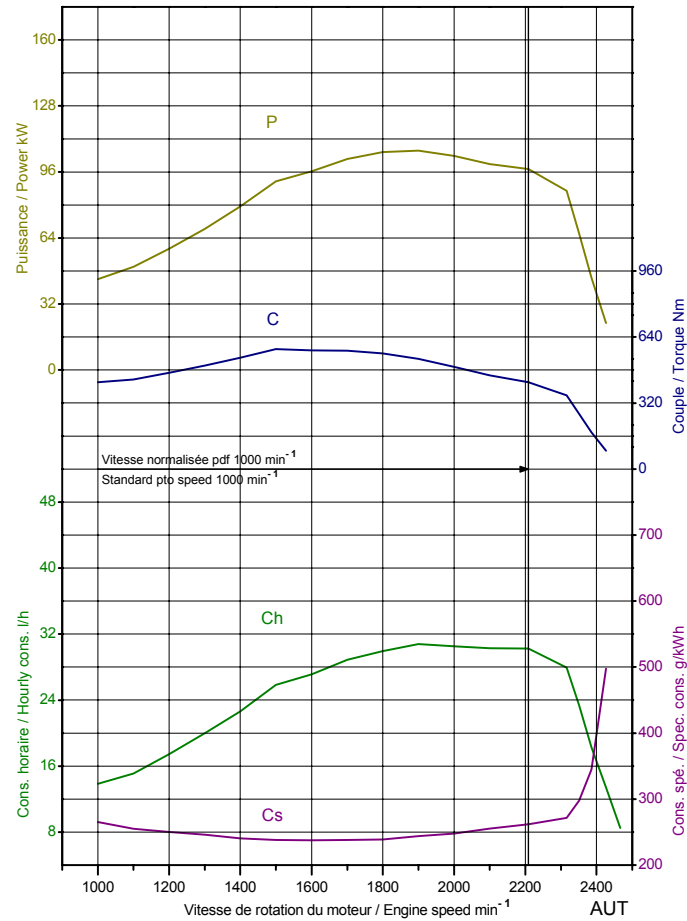
Case United Kingdom Limited

BLT, Wieselburg, Austria

**Case IH MX 150**

**4 RM/WD**

**OCDE/OECD 1/1763**



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	CDC	6TA-590
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	5883 cm <sup>3</sup>	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 2.88	to 39.20 km/h
<u>Standard Power take-off speed</u>	<u>540 min<sup>-1</sup></u>	<u>1000 min<sup>-1</sup></u>
<i>Power take-off speed at rated engine speed</i>	549 min <sup>-1</sup>	996 min <sup>-1</sup>
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	21

**Power take-off Test**Two hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	106.4 kW	1900 min <sup>-1</sup>	860 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		30.79 l/h	244 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	97.4 kW	2209 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		30.25 l/h	262 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	97.4 kW	2209 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		30.25 l/h	262 g/kWh

Torque rise

		38.4 %
<u>Maximum torque, Engine speed corresponding</u>	582.7 Nm	1500 min <sup>-1</sup>

**Drawbar Test**

<i>Front tyres, Rear tyres</i>	480/70 R 30	20.8 R 42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	7370 kg	12500 kg
<i>Maximum drawbar pull</i>	75.0 kN	124.5 kN
<i>at speed of</i>	2.66 km/h	2.45 km/h
<i>Maximum power</i>	103.0 kW	101.2 kW
<i>at speed of</i>	8.14 km/h	6.55 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>	85.3 l/min	13.5 MPa 19.2 kW
<u>Maximum lifting force</u>		
<i>at hitch points, at frame</i>	62.3 kN	54.2 kN

