



**OECD approval number**

**2/2 231**

**Restricted Code**

**21/03/2005**

**OECD approval date**

**Make**

**Case IH**

**Model**

**MXU 125**

**Type**

**4 WD**

**PDR7BC2 - 40 km/h**

*Manufacturer*

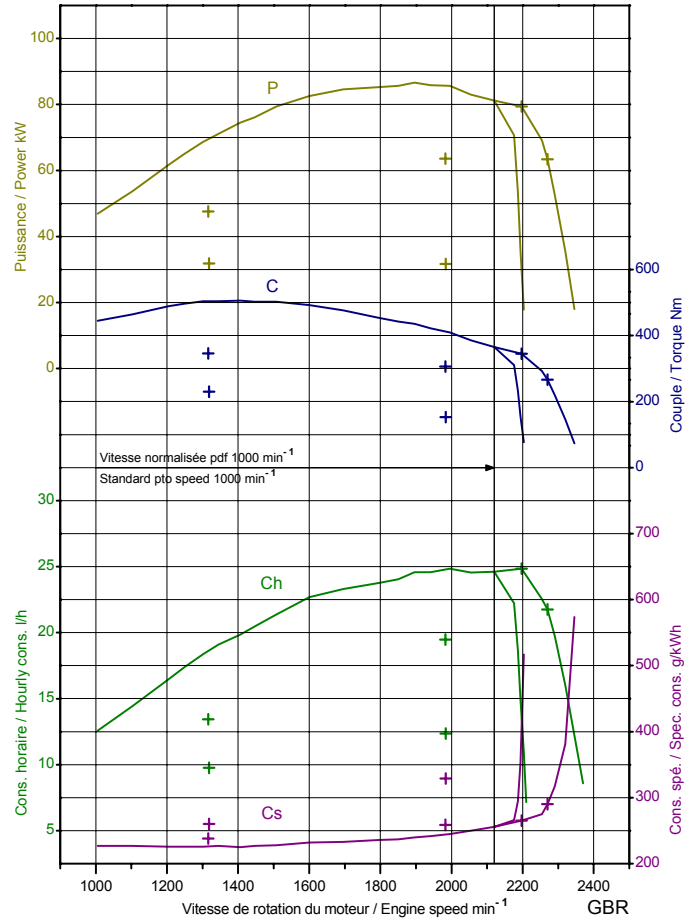
**CNH UK Limited**

*Testing station:*

**SRI, Silsoe, United Kingdom**

**Case IH MXU 125  
4 RM/WD**

**OCDE/OECD 2/2231**



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

<i>Make, Model</i>	CNH	F4DE0684B*D	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	6	vertical in line	
<i>Capacity, Cooling</i>	6728 cm <sup>3</sup>	Liquid	
<i>Gear box</i>		Mechanical powershift	
<i>Number of forward and reverse speeds</i>		16	16
<i>Speed at rated engine speed</i>		from 2.27	to 38.14 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>		603 min <sup>-1</sup>	1038 min <sup>-1</sup>
<i>Diameter of the shaft</i>		34.9 mm	34.9 mm
<i>Number of splines</i>		6	21

**Power take-off Test**

<u>Two hours test at maximum power</u>			
<i>Power, Engine and Power take-off speed</i>	86.6 kW	1896 min <sup>-1</sup>	894 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		24.58 l/h	240 g/kWh
<u>Test at maximum power at rated engine speed</u>			
<i>Power, Engine and Power take-off speed</i>	79.4 kW	2197 min <sup>-1</sup>	1036 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		24.85 l/h	265 g/kWh
<u>Test at standard Power take-off speed</u>			
<i>Power, Engine and Power take-off speed</i>	81.2 kW	2120 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		24.62 l/h	256 g/kWh
<u>Torque rise</u>			46.7 %
<u>Maximum torque. Engine speed corresponding</u>		506.1 Nm	1406 min <sup>-1</sup>

**Drawbar Test**

<i>Front tyres, Rear tyres</i>	480/65 R 28	600/65 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	5014 kg	
<i>Maximum drawbar pull</i>	49.9 kN	<i>Not</i>
<i>at speed of</i>	2.56 km/h	<i>required</i>
<i>Maximum power</i>	71.8 kW	<i>in</i>
<i>at speed of</i>	7.46 km/h	<i>Code 2</i>

**Hydraulic Performance and Power Lift Test**

<i>Hydraulic system</i>		Closed centre	
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	91.3 l/min	16.0 MPa	24.4 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		45.6 kN	33.0 kN

