



OECD approval number

2/2 143

Restricted Code

OECD approval date

09/07/2004

Make

Case IH

Model

MXM 175

Type

4 WD

MEC7CG2 - 19 speeds - 50 km/h

Manufacturer

CNH UK Limited

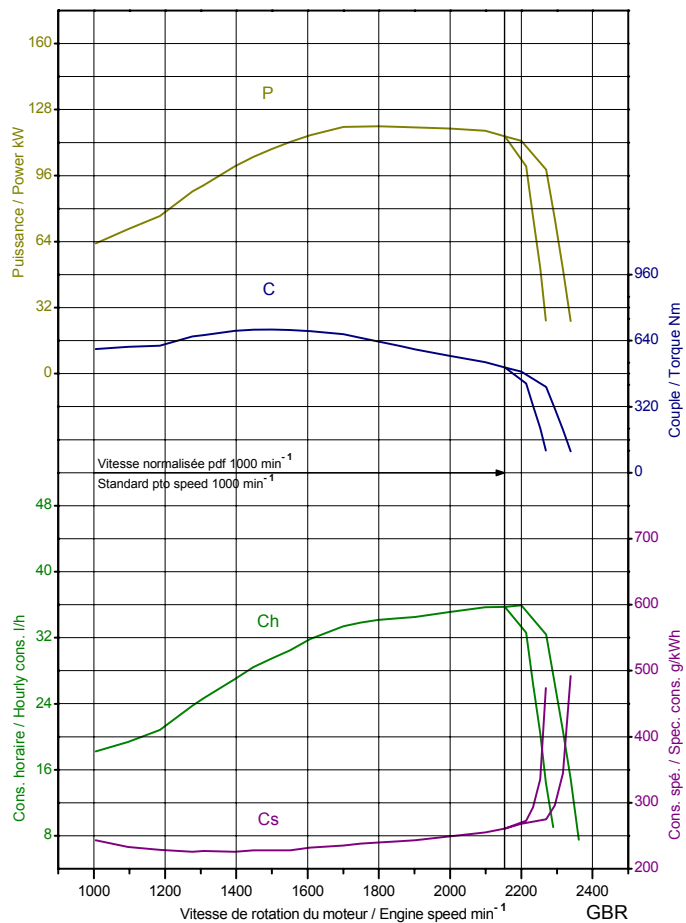
Testing station:

SRI, Silsoe, United Kingdom

Case IH MXM 175

4 RM/WD

OCDE/OECD 2/2143



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	675TA/FB
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	7480 cm ³	Liquid
<i>Gear box</i>		Mechanical powershift
<i>Number of forward and reverse speeds</i>	19	6
<i>Speed at rated engine speed</i>	from 1.90	to 45.80 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>		1021 min ⁻¹
<i>Diameter of the shaft</i>		34.9 mm
<i>Number of splines</i>		21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	119.9 kW	1799 min ⁻¹	835 min ⁻¹
<i>Hourly and specific consumption</i>		34.18 l/h	240 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	112.8 kW	2200 min ⁻¹	1021 min ⁻¹
<i>Hourly and specific consumption</i>		35.93 l/h	268 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	115.0 kW	2154 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		35.73 l/h	261 g/kWh

Torque rise

		41.8 %
--	--	--------

Maximum torque, Engine speed corresponding

694.3 Nm	1500 min ⁻¹
----------	------------------------

Drawbar Test*Front tyres, Rear tyres*

540/65 R 30	650/65 R 42
-------------	-------------

Test with tractor

<u>unballasted</u>	<u>ballasted</u>
--------------------	------------------

Total Mass

7165 kg

Maximum drawbar pull

73.2 kN

at speed of

1.77 km/h	Not required
-----------	--------------

Maximum power

103.7 kW

at speed of

9.21 km/h	in Code 2
-----------	-----------

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	101.9 l/min	17.5 MPa	29.7 kW
-----------------------------------	-------------	----------	---------

Maximum lifting force

<i>at hitch points, at frame</i>	62.7 kN	50.3 kN
----------------------------------	---------	---------

