



OECD approval number

2/2 119

OECD approval date

Restricted Code

29/04/2004

Make

Case IH

Model

MXM 140

Type

4 WD

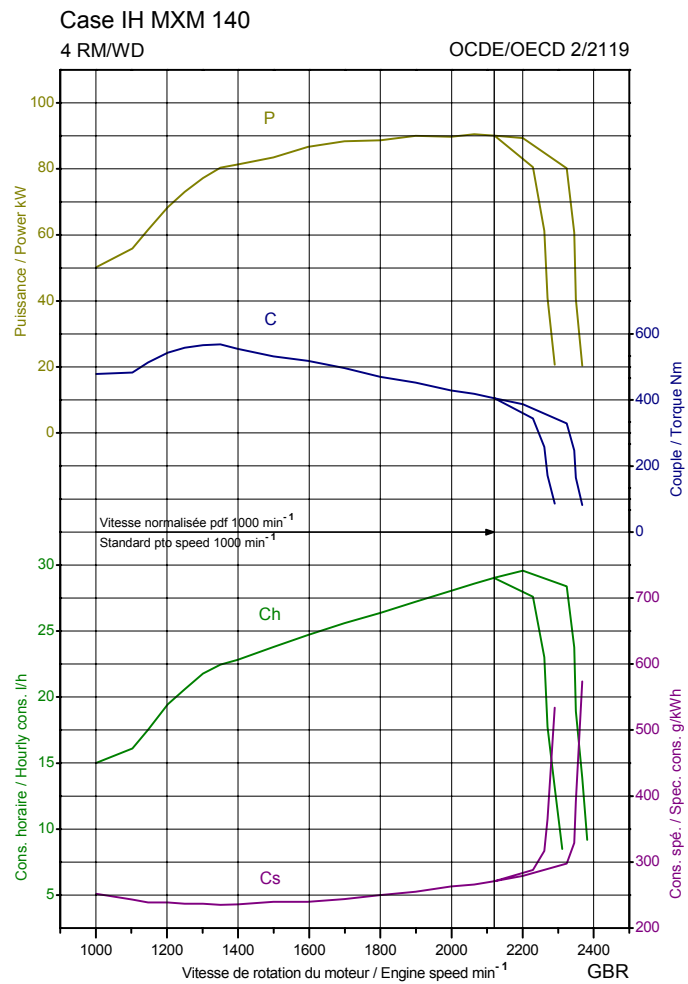
Manufacturer

MCC7BE2 - 40 km/h

Testing station:

CNH UK Limited

SRI, Silsoe, United Kingdom



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	675TA/HB
<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>	18	6
<i>Speed at rated engine speed</i>	from 2.46	to 40.80 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>	603 min ⁻¹	1038 min ⁻¹
<i>Diameter of the shaft</i>	34.9 mm	34.9 mm
<i>Number of splines</i>	6	21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	90.3 kW	2061 min ⁻¹	972 min ⁻¹
<i>Hourly and specific consumption</i>		28.54 l/h	266 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	89.3 kW	2201 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		29.58 l/h	279 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	90.1 kW	2121 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		29.05 l/h	271 g/kWh

Torque rise

		46.7 %	
<u>Maximum torque, Engine speed corresponding</u>	568.6 Nm	1350 min ⁻¹	

Drawbar Test*Front tyres, Rear tyres*

	16.9 R 28	20.8 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>

Total Mass

	5868 kg	
--	---------	--

Maximum drawbar pull

	61.8 kN	Not
--	---------	-----

at speed of

	2.28 km/h	required
--	-----------	----------

Maximum power

	76.6 kW	in
--	---------	----

at speed of

	7.63 km/h	Code 2
--	-----------	--------

Hydraulic Performance and Power Lift Test*Hydraulic system*

		Closed centre
--	--	---------------

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	110.8 l/min	16.5 MPa	30.5 kW
-----------------------------------	-------------	----------	---------

Maximum lifting force

<i>at hitch points, at frame</i>		42.8 kN	40.1 kN
----------------------------------	--	---------	---------

