



OECD approval number

2/2 088

Restricted Code

OECD approval date

23/09/2003

Make

Case IH

Model

MXM 130

Type

4 WD

MBC7BE2 - 18 speeds Semi-Power Shift - 40 km/h

Manufacturer

CNH UK Limited

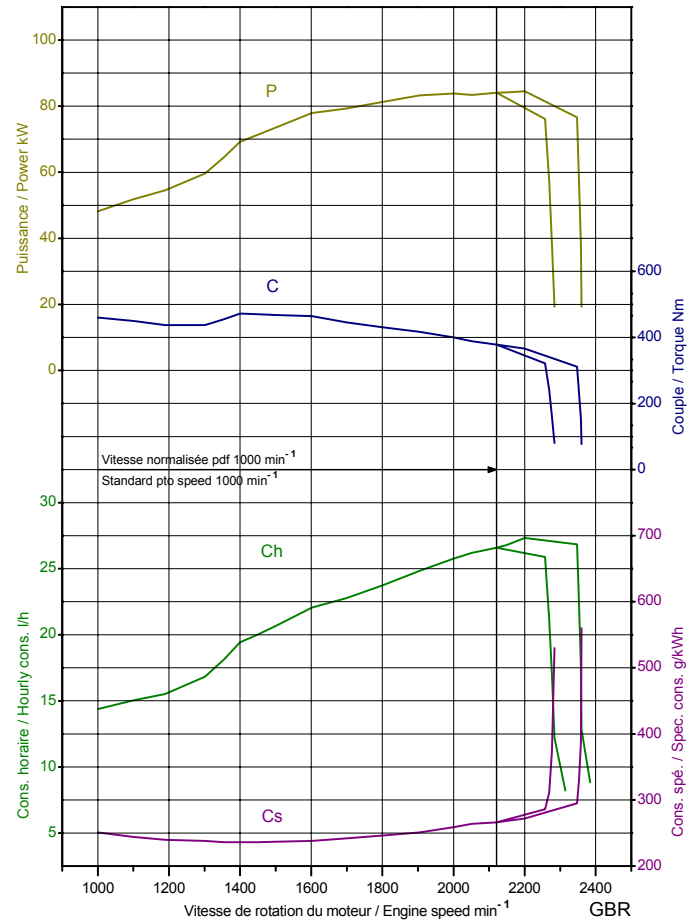
Testing station

SRI, Silsoe, United Kingdom

Case IH MXM 130

4 RM/WD

OCDE/OECD 2/2088



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

|                                                   |                             |                              |
|---------------------------------------------------|-----------------------------|------------------------------|
| <i>Make, Model</i>                                | CNH                         | 675TA/HC                     |
| <i>Type, Supercharging</i>                        | Direct injection            | Yes                          |
| <i>Cylinders, Disposition</i>                     | 6                           | vertical in line             |
| <i>Capacity, Cooling</i>                          | 7480 cm <sup>3</sup>        | 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 40.75 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**Two hours test at maximum power

|                                               |         |                        |                        |
|-----------------------------------------------|---------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 84.5 kW | 2200 min <sup>-1</sup> | 1038 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 27.33 l/h              | 272 g/kWh              |

Test at maximum power at rated engine speed

|                                               |         |                        |                        |
|-----------------------------------------------|---------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 84.5 kW | 2200 min <sup>-1</sup> | 1038 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 27.33 l/h              | 272 g/kWh              |

Test at standard Power take-off speed

|                                               |         |                        |                        |
|-----------------------------------------------|---------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 84.1 kW | 2121 min <sup>-1</sup> | 1000 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 26.59 l/h              | 266 g/kWh              |

Torque rise

28.7 %

Maximum torque, Engine speed corresponding471.9 Nm 1400 min<sup>-1</sup>**Drawbar Test***Front tyres, Rear tyres*

14.9 R 28 18.4 R 38

Test with tractorunballasted ballasted*Total Mass*

5405 kg

*Maximum drawbar pull*

55.8 kN

*at speed of*2.29 km/h *Not required**Maximum power*

70.9 kW

*at speed of*6.58 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> | 107.1 l/min | 17.5 MPa | 31.2 kW |
|-----------------------------------|-------------|----------|---------|

Maximum lifting force

|                                  |  |         |         |
|----------------------------------|--|---------|---------|
| <i>at hitch points, at frame</i> |  | 36.0 kN | 33.4 kN |
|----------------------------------|--|---------|---------|