



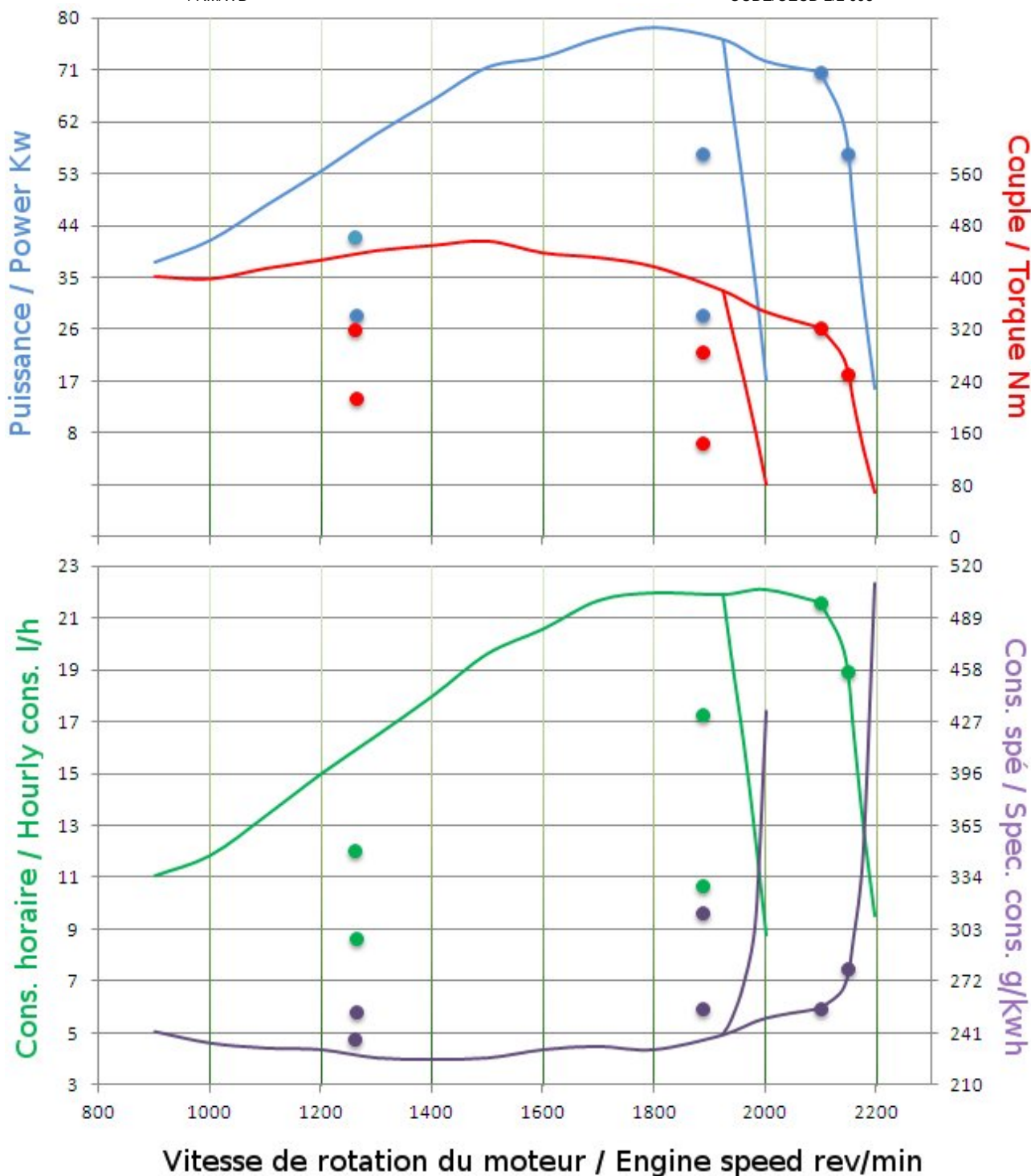
OECD approval number  
OECD approval date  
Make  
Model  
Type

Manufacturer:  
Testing station:

2/2 698  
06/07/2012  
CASE IH  
MAXXUM 110  
4 WD  
Semi-powershift - 40 km/h  
CNH Europe Holding S.A.  
IMAMOTER – Torino, Italy

CASE IH MAXXUM 110  
4 RM/WD

OCDE/OECD 2/2 698



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

|   |                       |                        |
|---|-----------------------|------------------------|
| <i>Make, Model</i>                                | CNH                   | F4DFE413C              |
| <i>Type, Supercharging</i>                        | Direct injection      | Yes                    |
| <i>Cylinders, Disposition</i>                     | 4                     | vertical in line       |
| <i>Capacity, Cooling</i>                          | 4485 cm <sup>3</sup>  | Liquid                 |
| <i>Gear box</i>                                   |                       | Semi-powershift        |
| <i>Number of forward and reverse speeds</i>       | 16                    | 16                     |
| <i>Speed at rated engine speed</i>                | from 2,2              | to 38,4 km/h           |
| <i>Standard Power take-off speed</i>              | 540 min <sup>-1</sup> | 1000 min <sup>-1</sup> |
| <i>Power take-off speed at rated engine speed</i> | 576 min <sup>-1</sup> | 1091 min <sup>-1</sup> |
| <i>Diameter of the shaft</i>                      | 35 mm                 | 35 mm                  |
| <i>Number of splines</i>                          | 6                     | 6                      |

**Power take-off Test**One hour test at maximum power

|   |         |                        |                       |
|---|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 78,3 kW | 1800 min <sup>-1</sup> | 936 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 21,98 l/h              | 231 g/kWh             |

Test at maximum power at rated engine speed

|   |         |                        |                        |
|---|---------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 70,6 kW | 2100 min <sup>-1</sup> | 1091 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 21,62 l/h              | 256 g/kWh              |

Test at standard Power take-off speed

|   |         |                        |                        |
|---|---------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 76,2 kW | 1924 min <sup>-1</sup> | 1000 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 21,92 l/h              | 240 g/kWh              |

Torque rise

|   |          |                        |         |
|---|----------|------------------------|---------|
| <i>Maximum torque, Engine speed corresponding</i> | 454,8 Nm | 1500 min <sup>-1</sup> | 41,58 % |
|---|----------|------------------------|---------|

**Drawbar Test**

|                                |             |            |
|--------------------------------|-------------|------------|
| <i>Front tyres, Rear tyres</i> | 480/65R28   | 600/65R38  |
| <i>Test with tractor</i>       | unballasted | ballasted  |
| <i>Total Mass</i>              | 5240 kg     |            |
| <i>Maximum drawbar pull</i>    | 43,8 kN     | Not        |
| <i>at speed of</i>             | 2,98 km/h   | Applicable |
| <i>Maximum power</i>           | 63,0 kW     |            |
| <i>at speed of</i>             | 8,79 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 (couplers: 1 pair)</i>       | 68,8 l/min | 17,0 MPa | 19,5 kW       |
| <i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i> | 61,7 l/min | 18,5 MPa | 19,0 kW       |
| <u>Maximum lifting force</u>                               |            |          |               |
| <i>at the hitch points, at frame</i>                       |            | 37,7 kN  | 29,9 kN       |