



OECD approval number

OECD approval date

Make

Model

Type

Manufacturer:

Testing station:

2/2 794

08/11/2013

MASSEY FERGUSON

6615

4WD

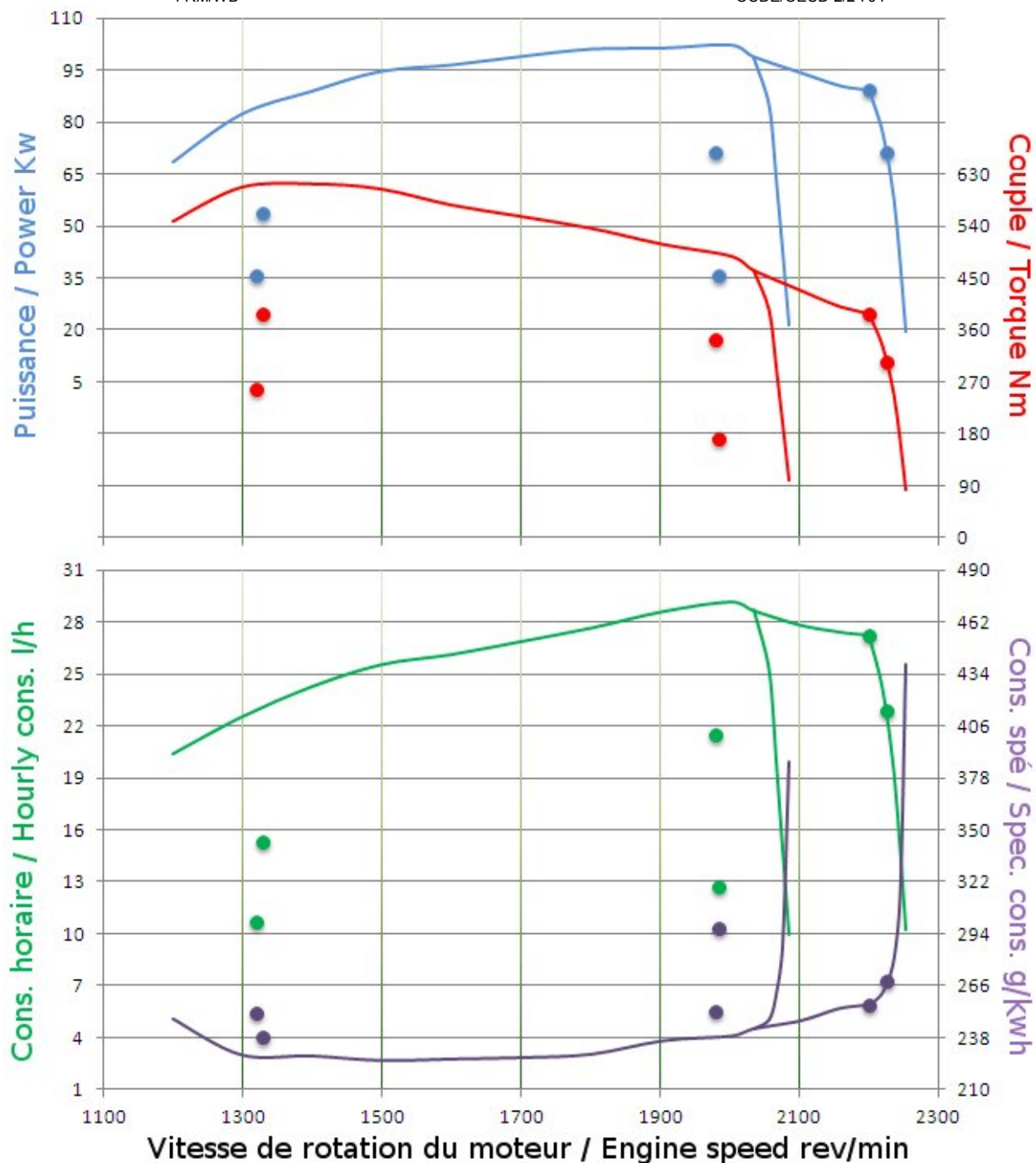
Dyna VT - 40 km/h

AGCO S.A.

IRSTEA – France

MASSEY FERGUSON 6615
4 RM/WD

OCDE/OECD 2/2 794



Engine, Transmission, Power take-off Specifications

| | | |
|---|-----------------------|------------------------|
| <i>Make, Model</i> | AGCO POWER | 49 AWI 895 |
| <i>Type, Supercharging</i> | Direct injection | Yes |
| <i>Cylinders, Disposition</i> | 4 | vertical in line |
| <i>Capacity, Cooling</i> | 4910 cm ³ | Liquid |
| <i>Gear box</i> | | Dyna VT |
| <i>Number of forward and reverse speeds</i> | - | - |
| <i>Speed at rated engine speed</i> | from 0 | to 40,00 km/h |
| <i>Standard Power take-off speed</i> | 540 min ⁻¹ | 1000 min ⁻¹ |
| <i>Power take-off speed at rated engine speed</i> | 576 min ⁻¹ | 1084 min ⁻¹ |
| <i>Diameter of the shaft</i> | 34,9 mm | 34,9 mm |
| <i>Number of splines</i> | 6 | 21 |

Power take-off Test

| | | | |
|--|----------|------------------------|------------------------|
| <u>One hour test at maximum power</u> | | | |
| <i>Power, Engine and Power take-off speed</i> | 102,1 kW | 2001 min ⁻¹ | 982 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 29,16 l/h | 239 g/kWh |
| <u>Test at maximum power at rated engine speed</u> | | | |
| <i>Power, Engine and Power take-off speed</i> | 89,3 kW | 2200 min ⁻¹ | 1080 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 27,26 l/h | 255 g/kWh |
| <u>Test at standard Power take-off speed</u> | | | |
| <i>Power, Engine and Power take-off speed</i> | 98,7 kW | 2034 min ⁻¹ | 1000 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 28,66 l/h | 243 g/kWh |
| <u>Torque rise</u> | | | 57,8 % |
| <u>Maximum torque, Engine speed corresponding</u> | | 611,7 Nm | 1399 min ⁻¹ |

Drawbar Test

| | | |
|--------------------------------|--------------------|------------------|
| <i>Front tyres, Rear tyres</i> | 480/70 R28 | 580/70 R38 |
| <u>Test with tractor</u> | <u>unballasted</u> | <u>ballasted</u> |
| <i>Total Mass</i> | 7150 kg | |
| <i>Maximum drawbar pull</i> | 61,6 kN | |
| <i>at speed of</i> | 3,62 km/h | Not |
| <i>Maximum power</i> | 79,3 kW | Applicable |
| <i>at speed of</i> | 7,82 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> | 106,2 l/min | 13,3 MPa | 23,6 kW |
| <i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i> | 110,2 l/min | 16,0 MPa | 29,4 kW |
| <u>Maximum lifting force</u> | | | |
| <i>at the hitch points, at frame</i> | | 57,5 kN | 52,3 kN |