



OECD approval number

2/2 528

OECD approval date

20/11/2009

Make

Massey Ferguson

Model

6460

Type

4 WD

E30B23GN923A - 40 km/h

Manufacturer:

AGCO S.A.

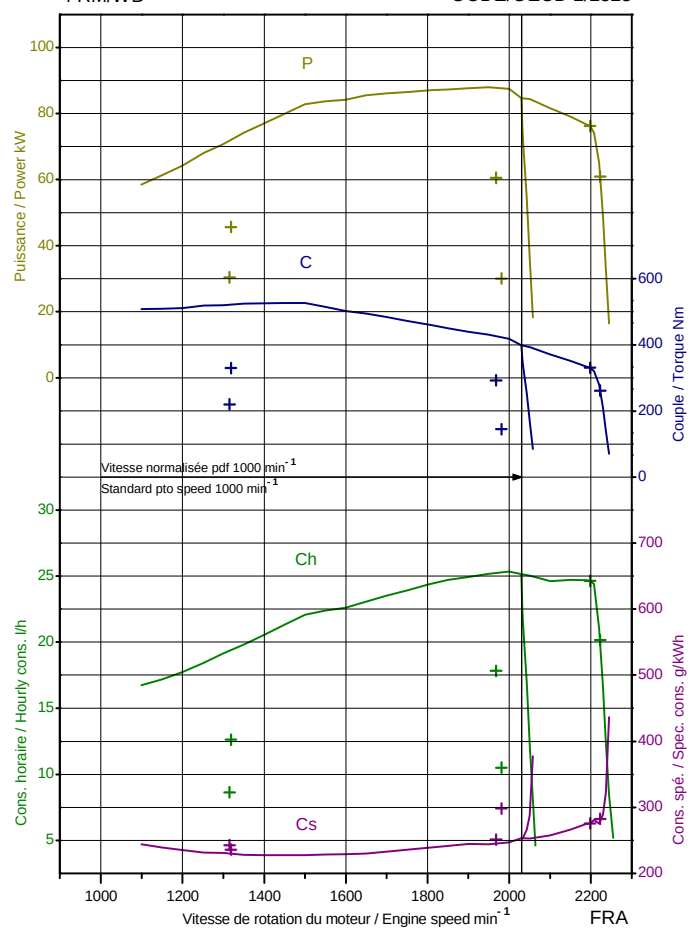
Testing station:

Cemagref, Antony, France

Massey Ferguson 6460

4 RM/WD

OCDE/OECD 2/2528



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

|                                                   |                       |                        |
|---------------------------------------------------|-----------------------|------------------------|
| <i>Make, Model</i>                                | Sisu                  | 44.436 CWA-4V          |
| <i>Type, Supercharging</i>                        | Direct injection      | Yes                    |
| <i>Cylinders, Disposition</i>                     | 4                     | vertical in line       |
| <i>Capacity, Cooling</i>                          | 4397 cm <sup>3</sup>  | Liquid                 |
| <i>Gear box</i>                                   |                       | Mechanical             |
| <i>Number of forward and reverse speeds</i>       | 24                    | 24                     |
| <i>Speed at rated engine speed</i>                | from 1.68             | to 40.00 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> | 601 min <sup>-1</sup> | 1083 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> | 88.0 kW | 1950 min <sup>-1</sup> | 961 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 25.17 l/h              | 244 g/kWh             |

Test at maximum power at rated engine speed

|                                               |         |                        |                        |
|-----------------------------------------------|---------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 76.2 kW | 2198 min <sup>-1</sup> | 1083 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 24.65 l/h              | 276 g/kWh              |

Test at standard Power take-off speed

|                                               |         |                        |                        |
|-----------------------------------------------|---------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 84.7 kW | 2030 min <sup>-1</sup> | 1000 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 25.15 l/h              | 253 g/kWh              |

Torque rise

|                                                   |          |                        |        |
|---------------------------------------------------|----------|------------------------|--------|
| <i>Maximum torque, Engine speed corresponding</i> | 527.4 Nm | 1500 min <sup>-1</sup> | 59.5 % |
|---------------------------------------------------|----------|------------------------|--------|

**Drawbar Test**

|                                |                    |                  |
|--------------------------------|--------------------|------------------|
| <i>Front tyres, Rear tyres</i> | 380/85 R 28        | 460/85 R 38      |
| <i>Test with tractor</i>       | <u>unballasted</u> | <u>ballasted</u> |
| <i>Total Mass</i>              | 5400 kg            |                  |
| <i>Maximum drawbar pull</i>    | 49.2 kN            | Not              |
| <i>at speed of</i>             | 1.80 km/h          | required         |
| <i>Maximum power</i>           | 75.7 kW            |                  |
| <i>at speed of</i>             | 11.50 km/h         |                  |

**Hydraulic Performance and Power Lift Test**

|                         |               |  |  |
|-------------------------|---------------|--|--|
| <i>Hydraulic system</i> | Closed centre |  |  |
|-------------------------|---------------|--|--|

At maximum hydraulic power

|                                                            |             |          |         |
|------------------------------------------------------------|-------------|----------|---------|
| <i>Flow rate, Pressure, Power (couplers: 1 pair)</i>       | 100.6 l/min | 13.2 MPa | 22.1 kW |
| <i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i> | 100.5 l/min | 15.7 MPa | 26.2 kW |

Maximum lifting force

|                                      |         |         |
|--------------------------------------|---------|---------|
| <i>at the hitch points, at frame</i> | 52.1 kN | 43.4 kN |
|--------------------------------------|---------|---------|

