



OECD approval number

2/2 527

OECD approval date

17/11/2009

Make

Massey Ferguson

Model

5460

Type

4 WD

D25D22GF613A - 40 km/h

Manufacturer:

AGCO S.A.

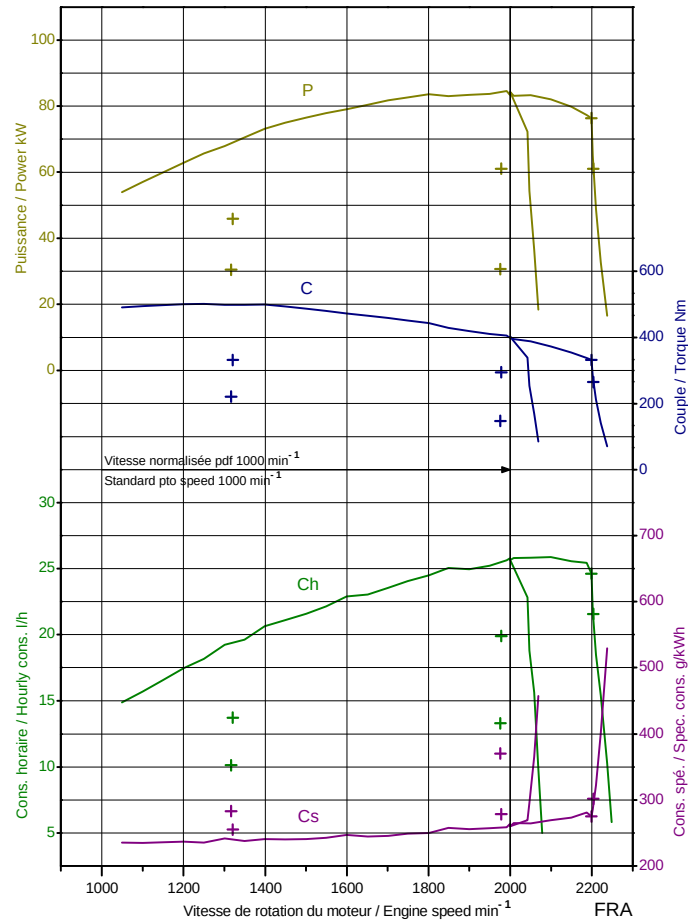
Testing station:

Cemagref, Antony, France

Massey Ferguson 5460

4 RM/WD

OCDE/OECD 2/2527



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1104D-E44TA (3265/2200)
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4400 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	16	16
<i>Speed at rated engine speed</i>	from 1.96	to 39.41 km/h
<u>Standard Power take-off speed</u>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	601 min ⁻¹	1100 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>	84.3 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		25.67 l/h	260 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	76.4 kW	2199 min ⁻¹	1099 min ⁻¹
<i>Hourly and specific consumption</i>		24.63 l/h	275 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	84.3 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		25.67 l/h	260 g/kWh

Torque rise

			51.4 %
<u>Maximum torque, Engine speed corresponding</u>	502.1 Nm		1250 min ⁻¹

Drawbar Test*Front tyres, Rear tyres*

380/85 R 28 480/80 R 38

Test with tractorunballasted ballasted*Total Mass*

4600 kg

Maximum drawbar pull

45.8 kN

Not

at speed of

2.18 km/h

required

Maximum power

70.5 kW

at speed of

8.73 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power*Flow rate, Pressure, Power (couplers: 1 pair)* 56.1 l/min 17.2 MPa 16.1 kW*Flow rate, Pressure, Power (couplers: 2 pairs or +)* 56.2 l/min 17.8 MPa 16.7 kWMaximum lifting force*at the hitch points, at frame* 49.0 kN 40.1 kN