



OECD approval number

2/2 518

OECD approval date

29/10/2009

Make

Massey Ferguson

Model

5465

Type

4 WD

F25D22GF613A - 40 km/h

Manufacturer:

AGCO S.A.

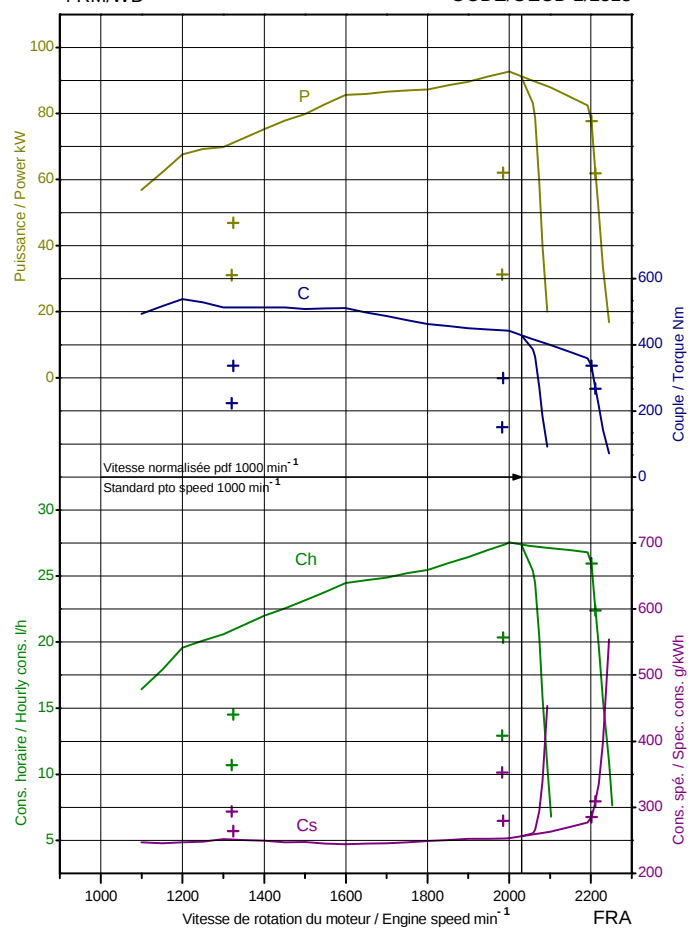
Testing station:

Cemagref, Antony, France

Massey Ferguson 5465

4 RM/WD

OCDE/OECD 2/2518



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1106D-E66TA (2536/2200)
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6600 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 2.17	to 41.19 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>	601 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 TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	92.7 kW	2000 min ⁻¹	985 min ⁻¹
<i>Hourly and specific consumption</i>		27.54 l/h	253 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	77.7 kW	2201 min ⁻¹	1084 min ⁻¹
<i>Hourly and specific consumption</i>		25.96 l/h	285 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	91.1 kW	2029 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		27.38 l/h	256 g/kWh

Torque rise

		59.7 %
<u>Maximum torque, Engine speed corresponding</u>	538.3 Nm	1200 min ⁻¹

Drawbar Test*Front tyres, Rear tyres*

380/85 R 28 480/80 R 38

Test with tractorunballasted ballasted*Total Mass*

5350 kg

Maximum drawbar pull

52.9 kN

Not

at speed of

2.95 km/h

required

Maximum power

79.6 kW

at speed of

14.61 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power (couplers: 1 pair)* 99.3 l/min 13.3 MPa 22.0 kW*Flow rate, Pressure, Power (couplers: 2 pairs or +)* 96.9 l/min 15.6 MPa 25.2 kWMaximum lifting force*at the hitch points, at frame* 50.2 kN 39.9 kN