



OECD approval number

2/2 359

OECD approval date

Restricted Code

03/08/2006

Make

Massey Ferguson

Model

5470

Type

4 WD

E26D22AF621A - 40 km/h

Manufacturer

AGCO S.A.

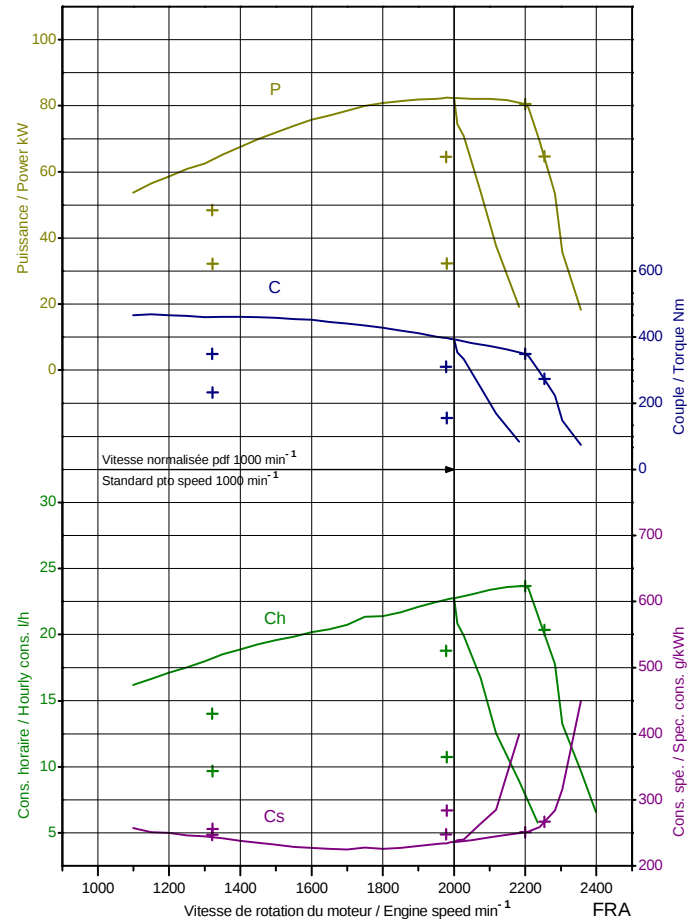
Testing station:

Cemagref, Antony, France

Massey Ferguson 5470

4 RM/WD

OCDE/OECD 2/2359



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu	44.341 DTA
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4397 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 40.27 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>	82.5 kW	1980 min ⁻¹	990 min ⁻¹
<i>Hourly and specific consumption</i>		22.65 l/h	234 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	80.5 kW	2200 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		23.66 l/h	251 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	82.4 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		22.75 l/h	236 g/kWh

Torque rise

34.5 %

Maximum torque, Engine speed corresponding469.7 Nm 1150 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

14.9 R 28 18.4 R 38

Test with tractorunballasted ballasted*Total Mass*

4710 kg

Maximum drawbar pull

43.8 kN

Not

at speed of

1.81 km/h

required

Maximum power

68.2 kW

in

at speed of

8.28 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power*Flow rate, Pressure, Power (couplers: 1 pair)* 55.2 l/min 15.4 MPa 14.2 kW*Flow rate, Pressure, Power (couplers: 2 pairs or +)* 53.3 l/min 16.0 MPa 14.2 kWMaximum lifting force*at the hitch points, at frame*

47.4 kN 37.4 kN

