



OECD approval number

2/2 358

OECD approval date

Restricted Code

03/08/2006

Make

Massey Ferguson

Model

5470

Type

2 WD

E26D21AF621A - 40 km/h

Manufacturer

AGCO S.A.

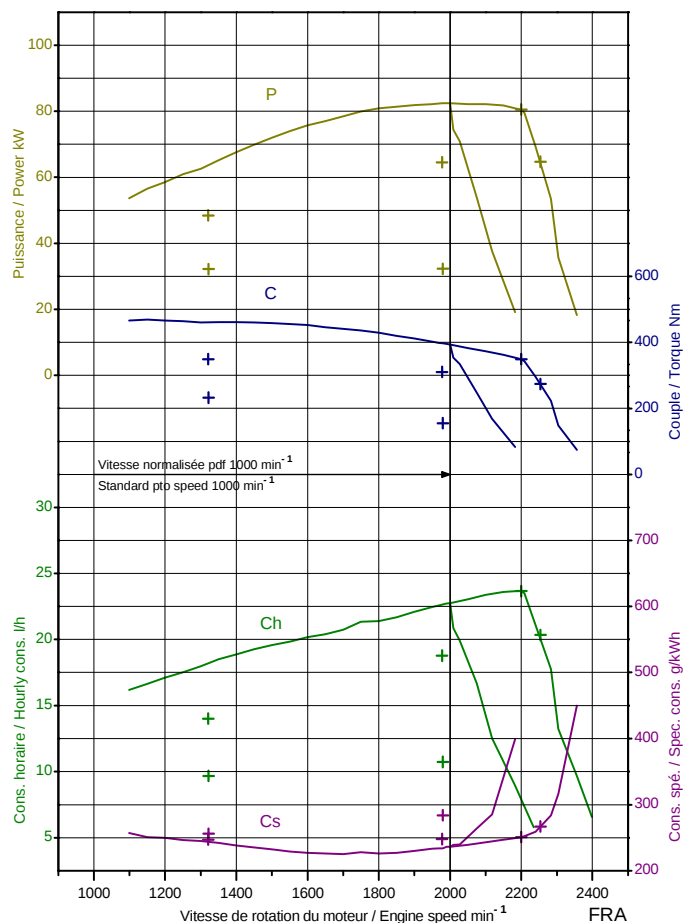
Testing station:

Cemagref, Antony, France

Massey Ferguson 5470

2 RM/WD

OCDE/OECD 2/2358



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 %
<u>Maximum torque, Engine speed corresponding</u>	469.7 Nm	1150 min ⁻¹

Drawbar Test

<i>Front tyres, Rear tyres</i>	10.00 - 16	18.4 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	4330 kg	
<i>Maximum drawbar pull</i>	34.2 kN	Not
<i>at speed of</i>	1.83 km/h	required
<i>Maximum power</i>	65.6 kW	in
<i>at speed of</i>	10.01 km/h	Code 2

Hydraulic Performance and Power Lift Test

Hydraulic system		Opened centre	
<u>At maximum hydraulic power</u>			
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 kW
<u>Maximum lifting force</u>			
at the hitch points, at frame		47.4 kN	37.4 kN

