



OECD approval number

2/2 531

OECD approval date

25/11/2009

Make

Massey Ferguson

Model

5470

Type

4 WD

E26D22GF613A - 40 km/h

Manufacturer:

AGCO S.A.

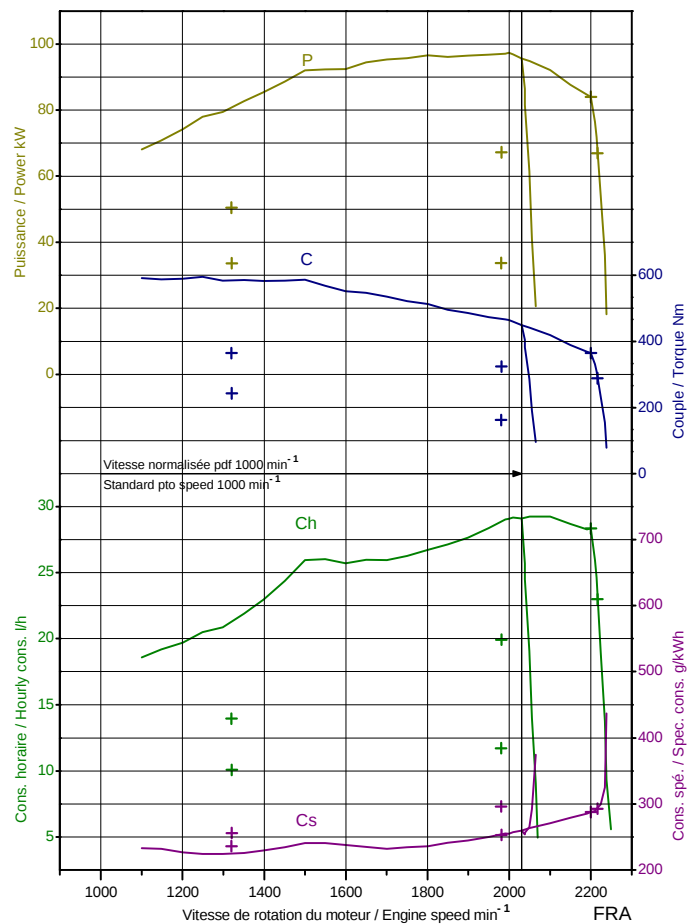
Testing station:

Cemagref, Antony, France

Massey Ferguson 5470

4 RM/WD

OCDE/OECD 2/2531



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu Diesel	44.435 CWA-4V
<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 39.41 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>	97.4 kW	2000 min ⁻¹	985 min ⁻¹
<i>Hourly and specific consumption</i>		29.07 l/h	255 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	84.0 kW	2200 min ⁻¹	1084 min ⁻¹
<i>Hourly and specific consumption</i>		28.35 l/h	288 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	95.6 kW	2030 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		29.10 l/h	260 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	595.4 Nm	1250 min ⁻¹	63.2 %
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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>	4960 kg	
<i>Maximum drawbar pull</i>	47.7 kN	Not
<i>at speed of</i>	1.76 km/h	required
<i>Maximum power</i>	83.3 kW	
<i>at speed of</i>	12.75 km/h	

Hydraulic Performance and Power Lift Test

<u>Hydraulic system</u>		Opened centre	
<u>At maximum hydraulic power</u>			
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 kW
<u>Maximum lifting force</u>			
at the hitch points, at frame		49.0 kN	40.1 kN

