



OECD approval number

2/2 257

OECD approval date

Restricted Code

06/06/2005

Make

Massey Ferguson

Model

6470

Type

4 WD

D38522AS513A - 40 km/h

Manufacturer

AGCO S.A.

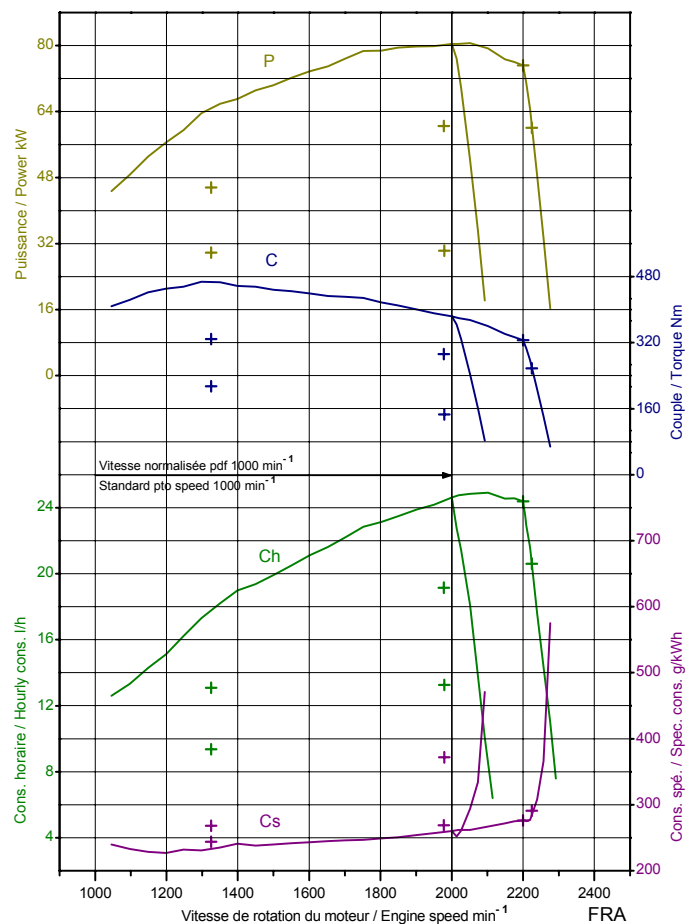
Testing station:

Cemagref, Antony, France

Massey Ferguson 6470

4 RM/WD

OCDE/OECD 2/2257



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1104C-E44TA(2411/2200)	
<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>		32	32
<i>Speed at rated engine speed</i>		from 2.18	to 40.00 km/h
<u>Standard Power take-off speed</u>		<u>540 min⁻¹</u>	<u>1000 min⁻¹</u>
<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>	80.6 kW	2051 min ⁻¹	1025 min ⁻¹
<i>Hourly and specific consumption</i>		24.85 l/h	262 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	75.2 kW	2200 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		24.39 l/h	276 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	80.4 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		24.63 l/h	260 g/kWh

Torque rise

43.3 %

Maximum torque, Engine speed corresponding467.7 Nm 1298 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

14.9 R 28 18.4 R 38

Test with tractorunballasted ballasted*Total Mass*

4820 kg

Maximum drawbar pull

44.0 kN

Not

at speed of

1.91 km/h

required

Maximum power

68.0 kW

in

at speed of

8.42 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power*

92.0 l/min

15.6 MPa

23.9 kW

Maximum lifting force*at hitch points, at frame*

48.8 kN

38.8 kN

