



OECD approval number

2/2 529

OECD approval date

20/11/2009

Make

Massey Ferguson

Model

6470

Type

4 WD

E31B23GN923A - 40 km/h

Manufacturer:

AGCO S.A.

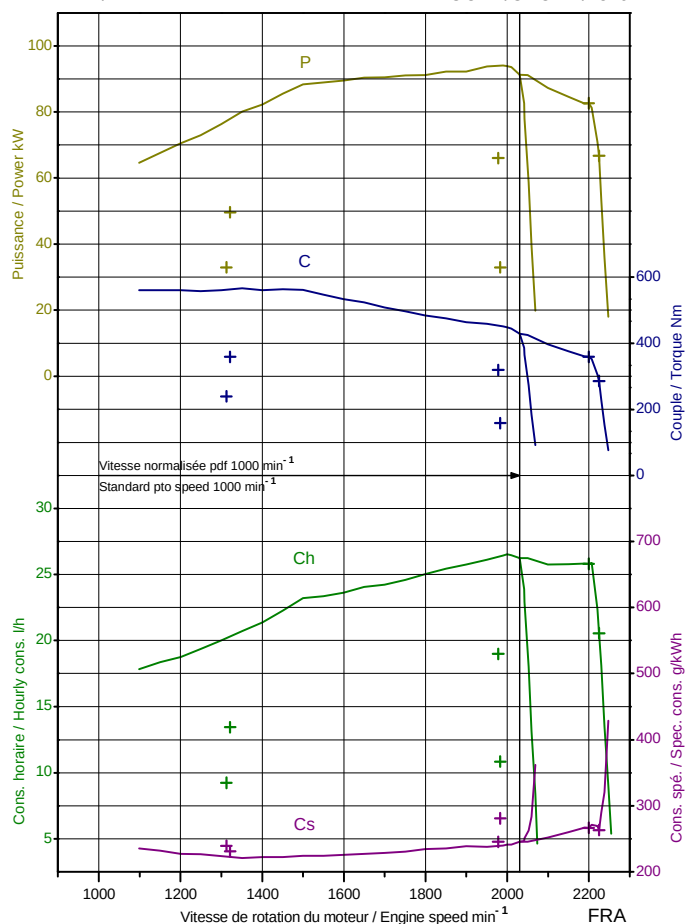
Testing station:

Cemagref, Antony, France

Massey Ferguson 6470

4 RM/WD

OCDE/OECD 2/2529



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu	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>	24	24
<i>Speed at rated engine speed</i>	from 1.68	to 40.00 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	1083 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>	94.1 kW	1989 min ⁻¹	980 min ⁻¹
<i>Hourly and specific consumption</i>		26.44 l/h	240 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	82.6 kW	2199 min ⁻¹	1083 min ⁻¹
<i>Hourly and specific consumption</i>		25.80 l/h	266 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	91.3 kW	2030 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		26.26 l/h	245 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	566.3 Nm	1351 min ⁻¹	57.8 %
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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>	5400 kg	
<i>Maximum drawbar pull</i>	50.1 kN	Not
<i>at speed of</i>	2.09 km/h	required
<i>Maximum power</i>	81.8 kW	
<i>at speed of</i>	11.30 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>	Closed centre		
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At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	100.6 l/min	13.2 MPa	22.1 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	100.5 l/min	15.7 MPa	26.2 kW

Maximum lifting force

<i>at the hitch points, at frame</i>	52.1 kN	43.4 kN
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