



OECD approval number

2/1 861

OECD approval date

Restricted Code

27/10/1999

Make

Massey Ferguson

Model

6270

Type

4 WD

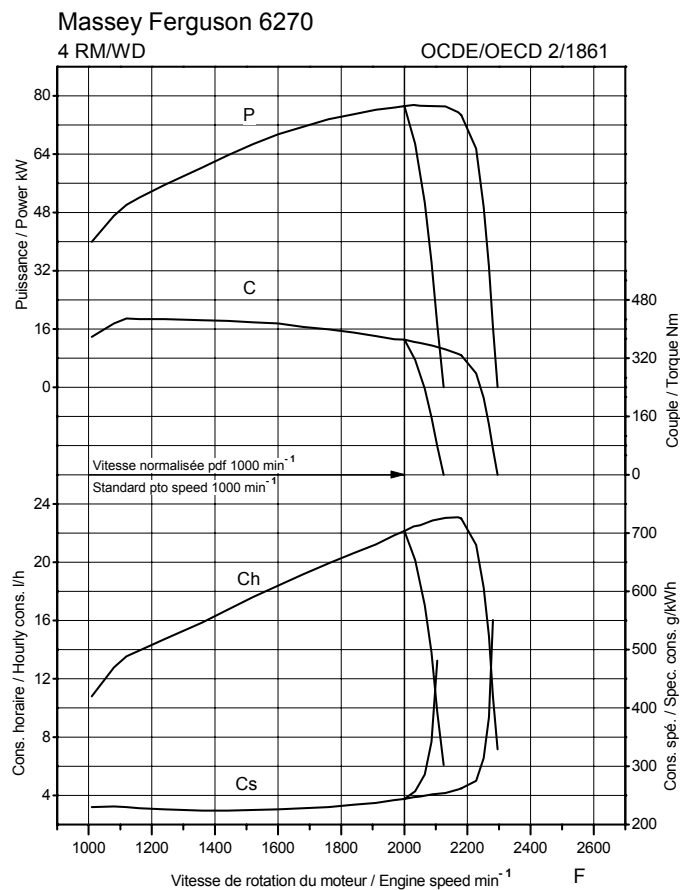
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Manufacturer

Agco S.A.

Testing station:

Cemagref, Antony, France



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1006-60T (YH31428)	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	6	vertical in line	
<i>Capacity, Cooling</i>	5985 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 2.09	to 38.46 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>		35 mm	35 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>	77.5 kW	2030 min ⁻¹	1015 min ⁻¹
<i>Hourly and specific consumption</i>		22.46 l/h	247 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	74.7 kW	2180 min ⁻¹	1090 min ⁻¹
<i>Hourly and specific consumption</i>		23.00 l/h	262 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	77.2 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		22.15 l/h	244 g/kWh

Torque rise

		30.5 %	
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<u>Maximum torque, Engine speed corresponding</u>		428.6 Nm	1120 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

		14.9 R 28	18.4 R 38
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<u>Test with tractor</u>		<u>unballasted</u>	<u>ballasted</u>
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Total Mass

		4600 kg	
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<i>Maximum drawbar pull</i>		43.7 kN	Not
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<i>at speed of</i>		3.31 km/h	required
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<i>Maximum power</i>		73.7 kW	in
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<i>at speed of</i>		12.25 km/h	Code 2
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Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	94.5 l/min	15.9 MPa	25.0 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		36.3 kN	29.6 kN
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