



OECD approval number

2/1 988

OECD approval date

Restricted Code

18/06/2002

Make

Massey Ferguson

Model

8270

Type

4 WD

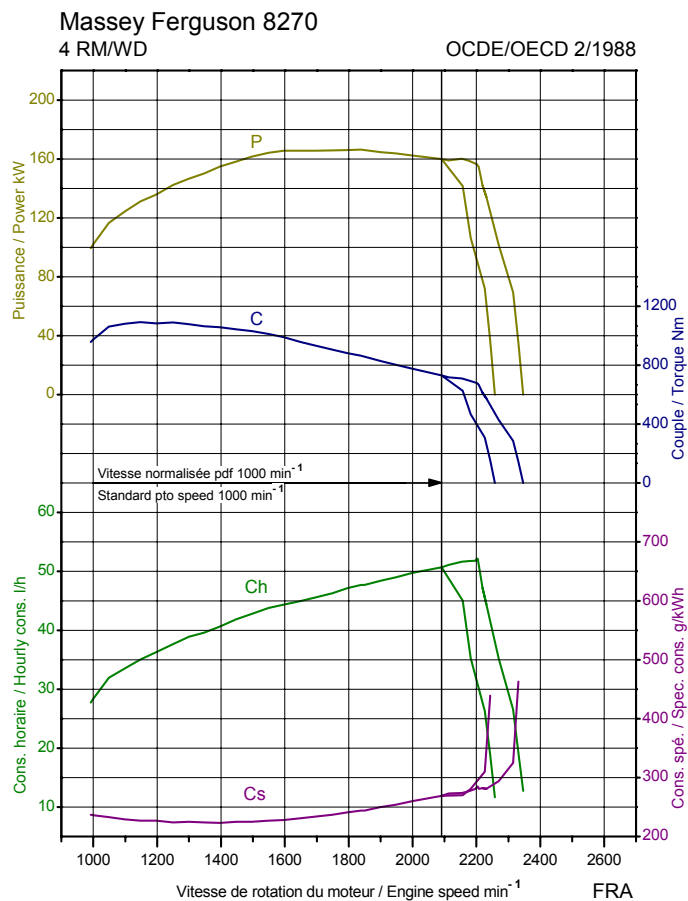
Y17722AG513A - 40 km/h

Manufacturer

Agco S.A.

Testing station:

Cemagref, Antony, France



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu Diesel	645 DSBAE
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	8419 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>		18 8
<i>Speed at rated engine speed</i>		from 2.39 to 39.64 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>		596 min ⁻¹ 1052 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>	166.5 kW	1839 min ⁻¹	879 min ⁻¹
<i>Hourly and specific consumption</i>		47.72 l/h	244 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	156.7 kW	2201 min ⁻¹	1053 min ⁻¹
<i>Hourly and specific consumption</i>		52.09 l/h	283 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	160.0 kW	2091 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		50.72 l/h	269 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		1092.7 Nm	1147 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	600/70 R 28	650/85 R 38
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Total Mass

	<u>unballasted</u>	<u>ballasted</u>
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<i>Maximum drawbar pull</i>	9965 kg	
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<i>at speed of</i>	93.4 kN	Not
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<i>Maximum power</i>	3.61 km/h	required
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<i>at speed of</i>	160.1 kW	in
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	10.46 km/h	Code 2
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Power Lift and Hydraulic Performance Test*Hydraulic system*

<i>Maximum lifting force at hitch points, at frame</i>	90.1 kN	Closed centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	108.0 l/min	12.7 MPa	22.9 kW
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