



OECD approval number

2/2 029

OECD approval date

Restricted Code

02/12/2002

Make

Massey Ferguson

Model

8250

Type

4 WD

Y13522AB313A - 40 km/h

Manufacturer

Agco S.A.

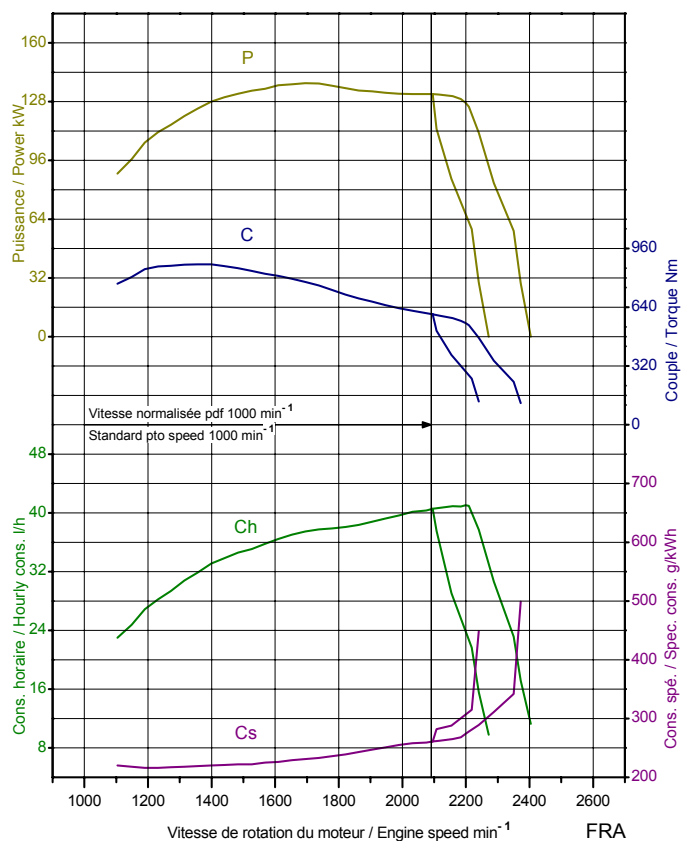
Testing station:

Cemagref, Antony, France

Massey Ferguson 8250

4 RM/WD

OCDE/OECD 2/2029



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu Diesel	634 DWBAE
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	7365 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 2.48 to 38.98 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>	138.1 kW	1695 min ⁻¹	810 min ⁻¹
<i>Hourly and specific consumption</i>		37.48 l/h	231 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	127.4 kW	2199 min ⁻¹	1052 min ⁻¹
<i>Hourly and specific consumption</i>		41.05 l/h	274 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	132.1 kW	2095 min ⁻¹	1002 min ⁻¹
<i>Hourly and specific consumption</i>		40.56 l/h	261 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		873.7 Nm	1399 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	18.4 R 30	20.8 R 42
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Total Mass

	<u>unballasted</u>	<u>ballasted</u>
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<i>Maximum drawbar pull</i>	8370 kg	
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<i>at speed of</i>	70.0 kN	Not
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<i>Maximum power</i>	2.34 km/h	required
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<i>at speed of</i>	122.8 kW	in
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	8.55 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>	64.4 kN	Closed centre 67.7 kN
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	101.3 l/min	14.8 MPa	25.0 kW
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