



OECD approval number

2/1 843

OECD approval date

Restricted Code

07/09/1999

Make

Massey Ferguson

Model

8250

Type

4 WD

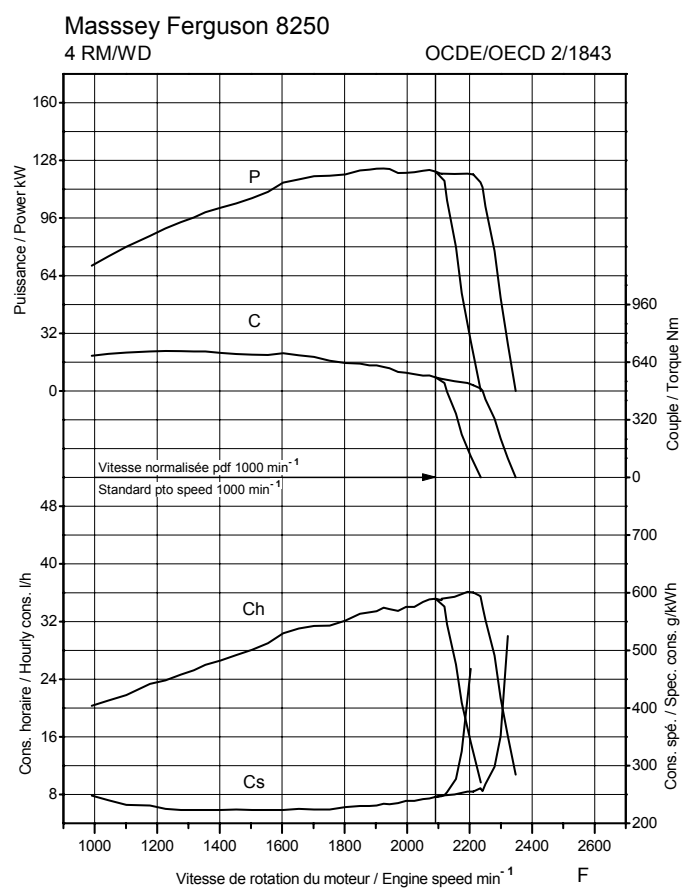
K205225B321A

Manufacturer

Agco S.A.

Testing station:

Cemagref, Antony, France



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu	634DSBAE
<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>	123.6 kW	1925 min ⁻¹	921 min ⁻¹
<i>Hourly and specific consumption</i>		33.91 l/h	234 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	120.1 kW	2212 min ⁻¹	1059 min ⁻¹
<i>Hourly and specific consumption</i>		36.06 l/h	255 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	121.7 kW	2091 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		35.15 l/h	246 g/kWh

Torque rise

		37.5 %
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Maximum torque, Engine speed corresponding

703.1 Nm	1227 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

	16.9 R 30	20.8 R 42
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Test with tractor

	<u>unballasted</u>	<u>ballasted</u>
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Total Mass

	8195 kg	
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Maximum drawbar pull

	72.2 kN	Not
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at speed of

	3.71 km/h	required
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Maximum power

	109.9 kW	in
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at speed of

	8.59 km/h	Code 2
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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</i>	105.2 l/min	15.2 MPa	26.7 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		64.1 kN	67.4 kN
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