



OECD approval number

2/1 844

OECD approval date

Restricted Code

07/09/1999

Make

Massey Ferguson

Model

8250

Type

2 WD

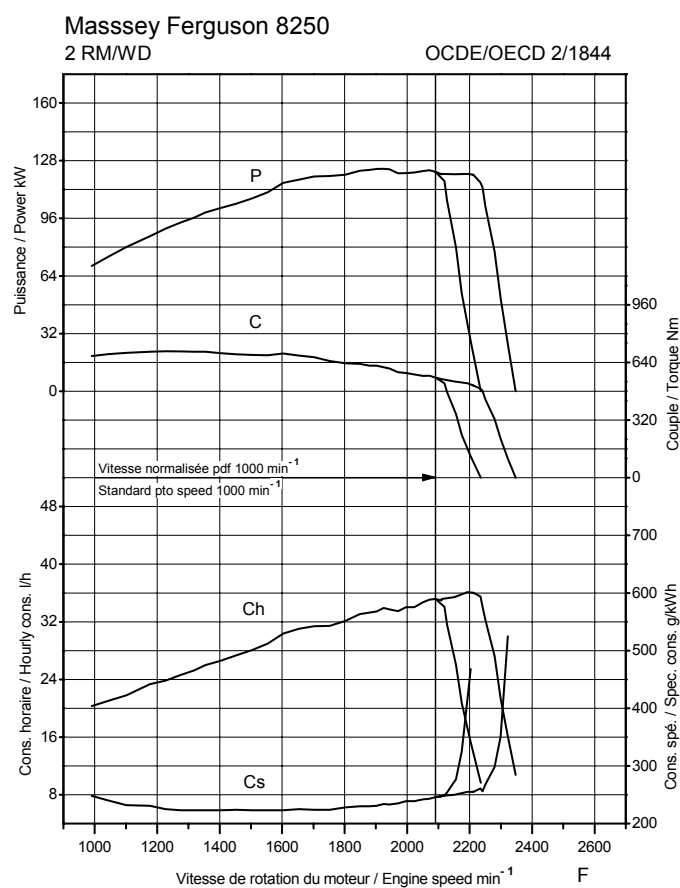
K205215B321A

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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<u>Maximum torque, Engine speed corresponding</u>	703.1 Nm	1227 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	14 L - 16.1	20.8 R 42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	7475 kg	
<i>Maximum drawbar pull</i>	62.1 kN	Not
<i>at speed of</i>	3.12 km/h	required
<i>Maximum power</i>	111.7 kW	in
<i>at speed of</i>	9.95 km/h	Code 2

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	105.2 l/min	15.2 MPa	26.7 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		64.1 kN	67.4 kN

