



OECD approval number

2/1 847

OECD approval date

Restricted Code

07/09/1999

Make

Massey Ferguson

Model

8240

Type

4 WD

K176225B411A

Manufacturer

Agco S.A.

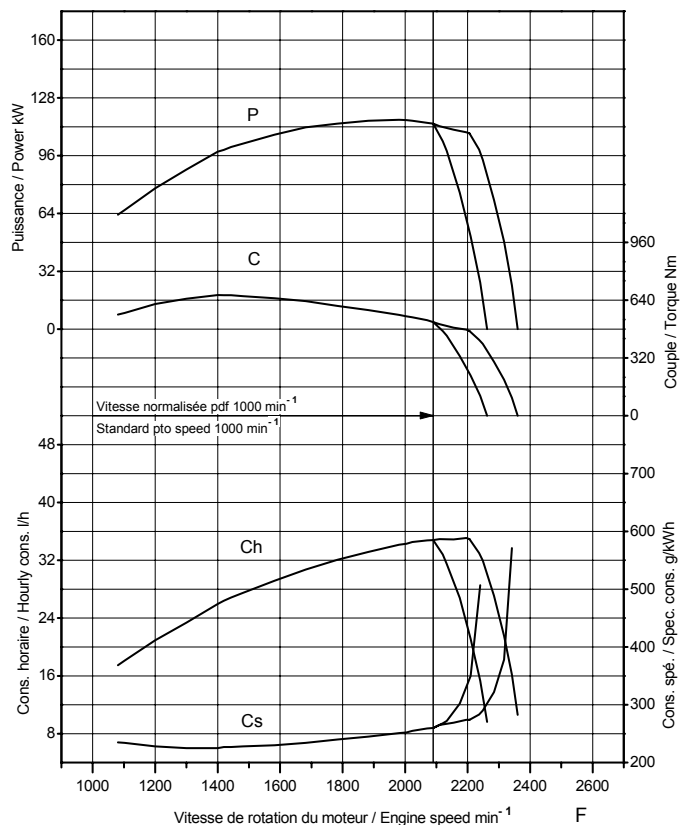
Testing station:

Cemagref, Antony, France

Massey Ferguson 8240

4 RM/WD

OCDE/OECD 2/1847



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu	620 DSBAE
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6596 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	18	9
<i>Speed at rated engine speed</i>	from 2.41	to 40.03 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>	115.7 kW	2004 min ⁻¹	958 min ⁻¹
<i>Hourly and specific consumption</i>		34.28 l/h	252 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	109.0 kW	2196 min ⁻¹	1050 min ⁻¹
<i>Hourly and specific consumption</i>		35.07 l/h	274 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	113.7 kW	2090 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		34.81 l/h	260 g/kWh

Torque rise

		40.4 %	
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Maximum torque, Engine speed corresponding

669.2 Nm	1400 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

	7395 kg	
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Maximum drawbar pull

	63.1 kN	Not
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at speed of

	2.85 km/h	required
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Maximum power

	105.2 kW	in
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at speed of

	8.75 km/h	Code 2
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Hydraulic Performance and Power Lift Test*Hydraulic system*

		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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