



OECD approval number

2/1 851

OECD approval date

Restricted Code

19/10/1999

Make

Massey Ferguson

Model

6245

Type

4 WD

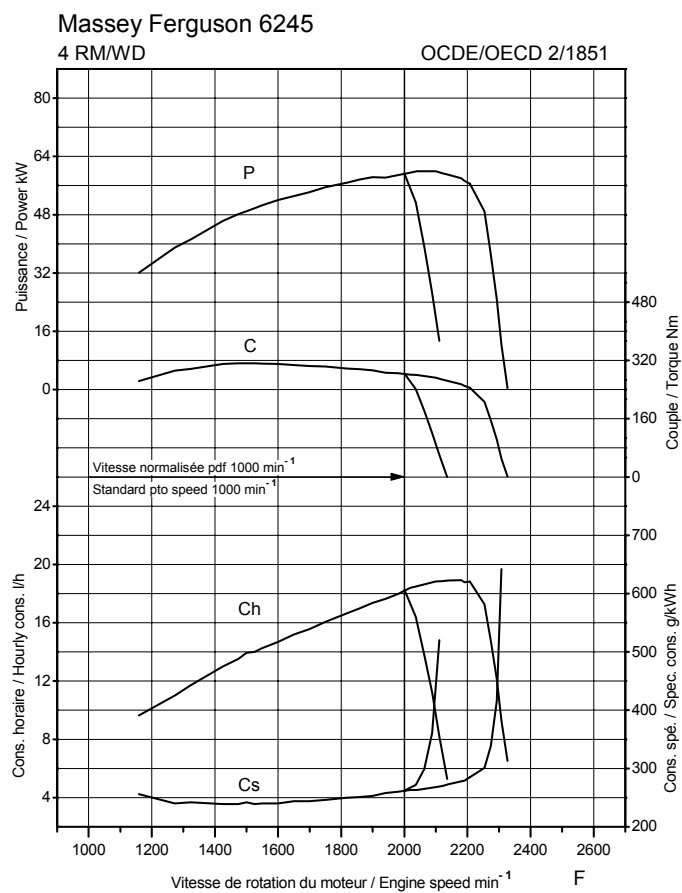
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Manufacturer

Agco S.A.

Testing station:

Cemagref, Antony, France



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1004-40 T
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3990 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 2.19	to 40.16 km/h
<u>Standard Power take-off speed</u>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	601 min ⁻¹	1100 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>	60.0 kW	2059 min ⁻¹	1030 min ⁻¹
<i>Hourly and specific consumption</i>		18.66 l/h	265 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	56.5 kW	2208 min ⁻¹	1104 min ⁻¹
<i>Hourly and specific consumption</i>		18.82 l/h	285 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	59.3 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		18.26 l/h	262 g/kWh

Torque rise

		12.0 %	
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<u>Maximum torque, Engine speed corresponding</u>	312.0 Nm	1500 min ⁻¹	
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Drawbar Test*Front tyres, Rear tyres*

	13.6 R 28	16.9 R 38
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<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
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Total Mass

	4230 kg	
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<i>Maximum drawbar pull</i>	37.4 kN	Not
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<i>at speed of</i>	1.98 km/h	required
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<i>Maximum power</i>	50.7 kW	in
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<i>at speed of</i>	8.79 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>	82.7 l/min	16.8 MPa	23.2 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		36.3 kN	29.6 kN
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