



OECD approval number

2/2 254

OECD approval date

Restricted Code

31/05/2005

Make

Massey Ferguson

Model

6460

Type

2 WD

D37521AS513A - 40 km/h

Manufacturer

AGCO S.A.

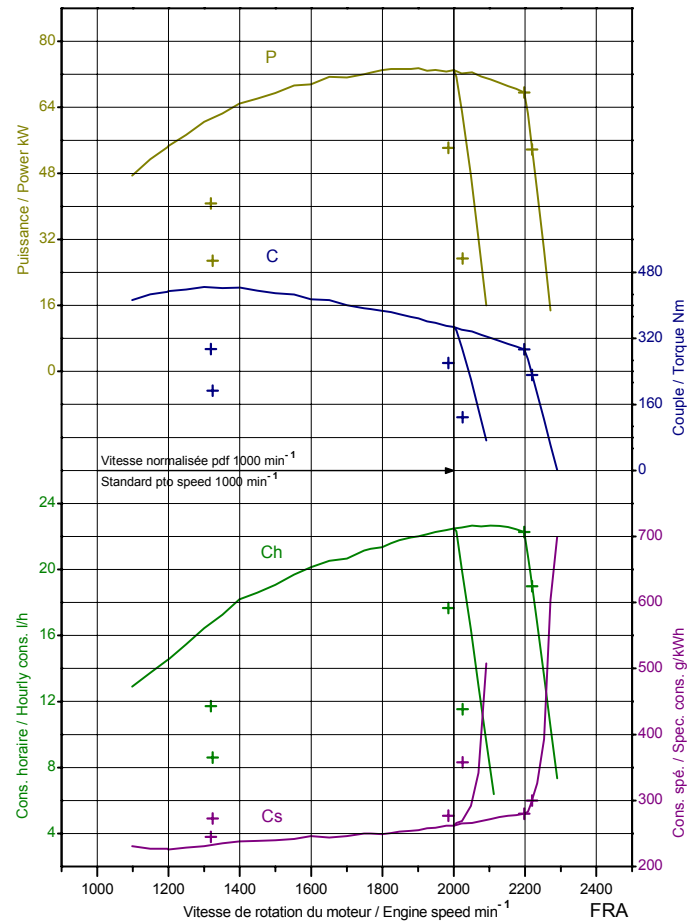
Testing station:

Cemagref, Antony, France

Massey Ferguson 6460

2 RM/WD

OCDE/OECD 2/2254



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1104C-E44TA(2295/2200)	
<i>Type, Supercharging</i>	Direct injection		Yes
<i>Cylinders, Disposition</i>	4		vertical in line
<i>Capacity, Cooling</i>	4400 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 2.26	to 40.00 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>		601 min ⁻¹	1100 min ⁻¹
<i>Diameter of the shaft</i>		34.9 mm	34.9 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>	73.5 kW	1901 min ⁻¹	950 min ⁻¹
<i>Hourly and specific consumption</i>		22.02 l/h	255 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	67.6 kW	2198 min ⁻¹	1099 min ⁻¹
<i>Hourly and specific consumption</i>		22.27 l/h	280 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	73.0 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		22.49 l/h	262 g/kWh

Torque rise

		51.5 %	
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Maximum torque, Engine speed corresponding

	444.6 Nm	1300 min ⁻¹	
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Drawbar Test*Front tyres, Rear tyres*

	11.00 - 16	18.4 R 38	
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Test with tractor

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

	4530 kg		
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Maximum drawbar pull

	35.6 kN	Not	
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at speed of

	2.25 km/h	required	
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Maximum power

	59.2 kW	in	
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at speed of

	9.27 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>	92.0 l/min	15.6 MPa	23.9 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		48.8 kN	38.8 kN
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