



OECD approval number

2/2 276

OECD approval date

Restricted Code

30/09/2005

Make

Massey Ferguson

Model

5425

Type

4 WD

D21222AT132A - 40 km/h

Manufacturer

AGCO S.A.

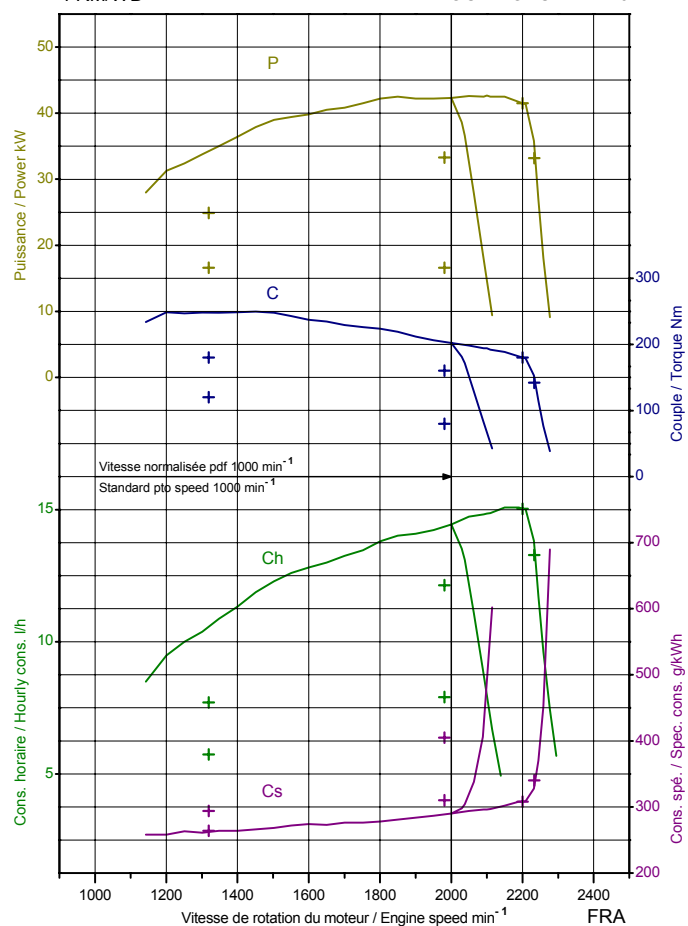
Testing station:

Cemagref, Antony, France

Massey Ferguson 5425

4 RM/WD

OCDE/OECD 2/2276



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1104C-44 (2159/2200)
<i>Type, Supercharging</i>	Direct injection	None
<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>	16	16
<i>Speed at rated engine speed</i>	from 2.55	to 39.15 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>	42.7 kW	2100 min ⁻¹	1050 min ⁻¹
<i>Hourly and specific consumption</i>		14.85 l/h	296 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	41.5 kW	2200 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		15.03 l/h	308 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	42.3 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		14.44 l/h	290 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		249.7 Nm	1451 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>		<u>14.9 R 24</u>	<u>18.4 R 34</u>
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Total Mass

<i>Maximum drawbar pull</i>		4235 kg	
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<i>at speed of</i>		36.4 kN	<i>Not</i>
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<i>Maximum power</i>		2.29 km/h	<i>required</i>
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<i>at speed of</i>		35.6 kW	<i>in</i>
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		4.98 km/h	<i>Code 2</i>
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Hydraulic Performance and Power Lift Test*Hydraulic system*

<u>At maximum hydraulic power</u>			Opened centre
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<i>Flow rate, Pressure, Power</i>	55.2 l/min	15.4 MPa	14.2 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		43.2 kN	32.4 kN
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