



OECD approval number

2/2 269

OECD approval date

Restricted Code

08/09/2005

Make

Massey Ferguson

Model

5460

Type

4 WD

D25222AF411A - 40 km/h

Manufacturer

AGCO S.A.

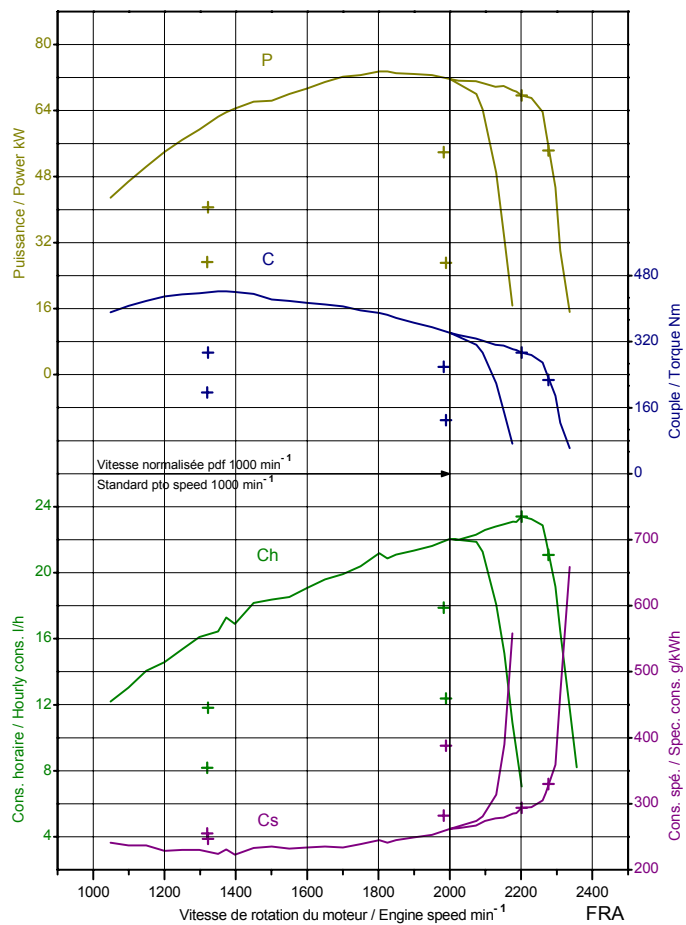
Testing station:

Cemagref, Antony, France

Massey Ferguson 5460

4 RM/WD

OCDE/OECD 2/2269



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1104C-44 T (2173/2200)
<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>	16	16
<i>Speed at rated engine speed</i>	from 2.72	to 38.91 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	1802 min ⁻¹	901 min ⁻¹
<i>Hourly and specific consumption</i>		21.19 l/h	245 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	67.7 kW	2202 min ⁻¹	1101 min ⁻¹
<i>Hourly and specific consumption</i>		23.41 l/h	294 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	71.7 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		22.06 l/h	262 g/kWh

Torque rise

		50.6 %	
<u>Maximum torque, Engine speed corresponding</u>	442.1 Nm	1373 min ⁻¹	

Drawbar Test*Front tyres, Rear tyres*

	14.9 R 28	18.4 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>

Total Mass

	4525 kg	
<i>Maximum drawbar pull</i>	38.1 kN	Not

at speed of

	2.47 km/h	required
<i>Maximum power</i>	59.4 kW	in

at speed of

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

		Opened centre
<u>At maximum hydraulic power</u>		

<i>Flow rate, Pressure, Power</i>	51.9 l/min	16.5 MPa	14.3 kW
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Maximum lifting force

<i>at hitch points, at frame</i>	48.1 kN	38.0 kN
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