



**OECD approval number**

**2/2 110**

**OECD approval date**

**Restricted Code**

**20/02/2004**

**Make**

**Massey Ferguson**

**Model**

**5465**

**Type**

**4 WD**

**F25222AF411A - 40 km/h**

*Manufacturer*

**AGCO S.A.**

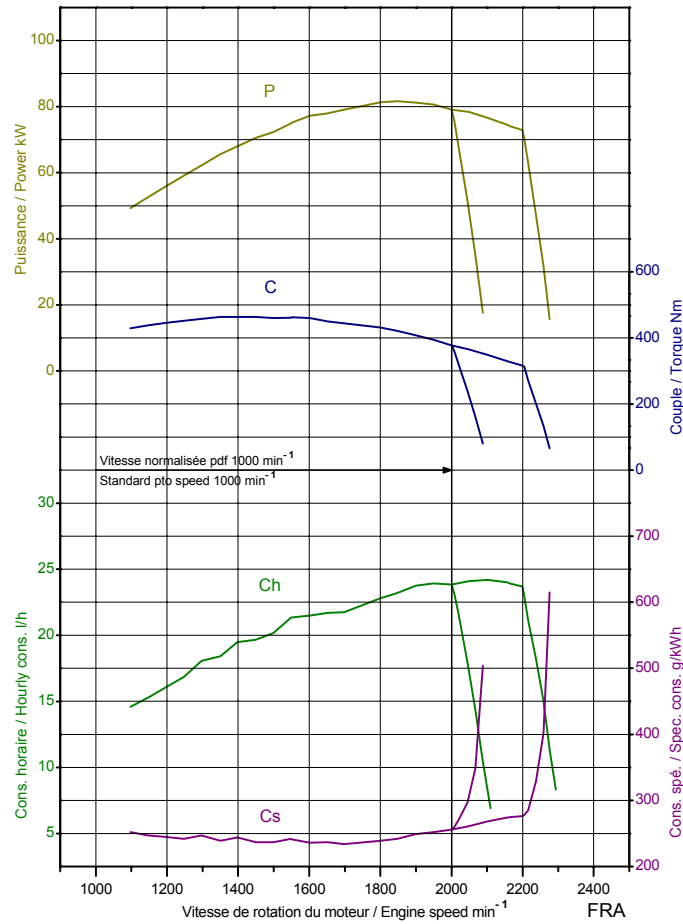
*Testing station:*

**Cemagref, Antony, France**

**Massey Ferguson 5465**

**4 RM/WD**

**OCDE/OECD 2/2110**



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	Perkins	2362/2200
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	5985 cm <sup>3</sup>	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	16	16
<i>Speed at rated engine speed</i>	from 2.51	to 38.44 km/h
<u>Standard Power take-off speed</u>	<u>540 min<sup>-1</sup></u>	<u>1000 min<sup>-1</sup></u>
<i>Power take-off speed at rated engine speed</i>	601 min <sup>-1</sup>	1100 min <sup>-1</sup>
<i>Diameter of the shaft</i>	34.9 mm	34.9 mm
<i>Number of splines</i>	6	21

**Power take-off Test**Two hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	81.6 kW	1848 min <sup>-1</sup>	924 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		23.20 l/h	242 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	72.9 kW	2199 min <sup>-1</sup>	1100 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		23.70 l/h	276 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	79.1 kW	2000 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		23.83 l/h	256 g/kWh

Torque rise

<u>Maximum torque. Engine speed corresponding</u>	464.0 Nm	1398 min <sup>-1</sup>	46.5 %
---	----------	------------------------	--------

**Drawbar Test**

<i>Front tyres, Rear tyres</i>	14.9 R 28	18.4 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	4775 kg	
<i>Maximum drawbar pull</i>	40.6 kN	Not
<i>at speed of</i>	2.84 km/h	required
<i>Maximum power</i>	66.7 kW	in
<i>at speed of</i>	8.44 km/h	Code 2

**Hydraulic Performance and Power Lift Test**

<i>Hydraulic system</i>			Opened centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	57.9 l/min	17.3 MPa	16.7 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		49.6 kN	41.1 kN

