



OECD approval number

2/2 217

OECD approval date

Restricted Code

04/02/2005

Make

Massey Ferguson

Model

6485

Type

4 WD

Y29523AJ113A - 40 km/h

Manufacturer

AGCO S.A.

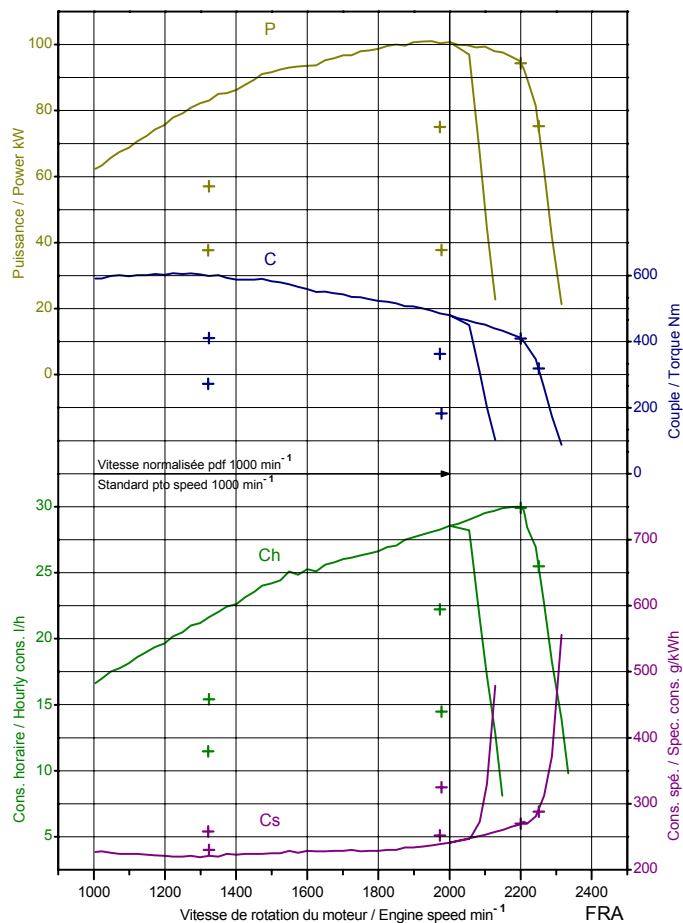
Testing station:

Cemagref, Antony, France

Massey Ferguson 6485

4 RM/WD

OCDE/OECD 2/2217



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu Diesel	66.255	ETA
<i>Type, Supercharging</i>	Direct injection		Yes
<i>Cylinders, Disposition</i>	6		vertical in line
<i>Capacity, Cooling</i>	6596 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 2.36	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>		594 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>	101.0 kW	1950 min ⁻¹	975 min ⁻¹
<i>Hourly and specific consumption</i>		28.09 l/h	237 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	94.3 kW	2200 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		29.91 l/h	270 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	100.8 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		28.55 l/h	241 g/kWh

Torque rise

		48.5 %	
<u>Maximum torque, Engine speed corresponding</u>	607.8 Nm	1223 min ⁻¹	

Drawbar Test*Front tyres, Rear tyres*

540/65 R 30 620/70 R 42

Test with tractorunballasted ballasted*Total Mass*

7015 kg

Maximum drawbar pull

66.3 kN

*Not**at speed of*

2.13 km/h

*required**Maximum power*

87.3 kW

*in**at speed of*

8.07 km/h

*Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power*

94.4 l/min

13.8 MPa

21.7 kW

Maximum lifting force*at hitch points, at frame*

73.5 kN

67.8 kN

