



OECD approval number

2/1 853

OECD approval date

Restricted Code

21/10/1999

Make

Massey Ferguson

Model

6280

Type

4 WD

F175225M311A

Manufacturer

Agco S.A.

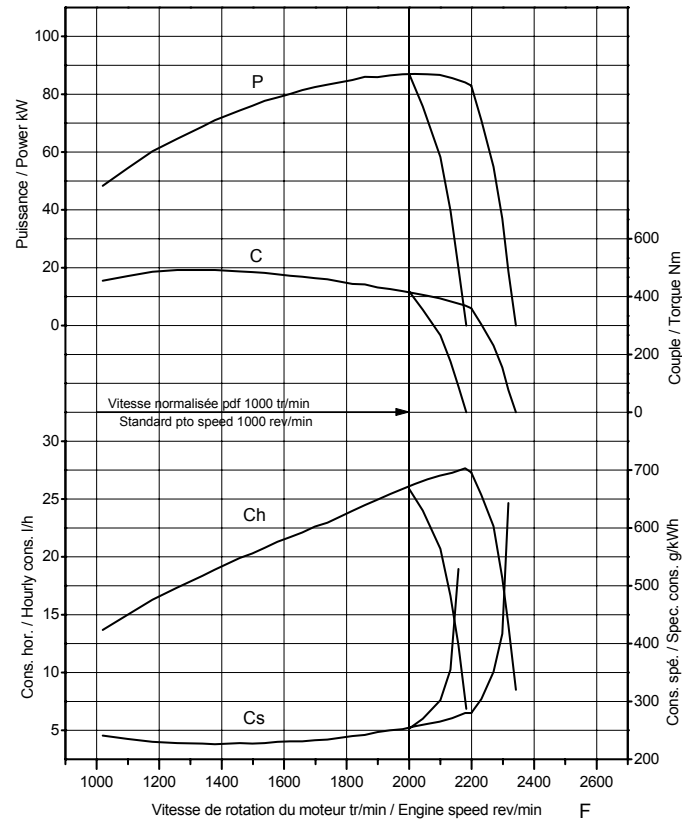
Testing station:

Cemagref, Antony, France

Massey Ferguson 6280

4 RM/WD

OCDE/OECD 2/1853



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1006-60T (YH31429)
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	5985 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 2.04	to 37.52 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>	35 mm	35 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>	87.2 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		26.07 l/h	255 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	83.0 kW	2199 min ⁻¹	1099 min ⁻¹
<i>Hourly and specific consumption</i>		27.29 l/h	280 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	87.2 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		26.07 l/h	255 g/kWh

Torque rise

		36.6 %
<u>Maximum torque, Engine speed corresponding</u>	492.1 Nm	1398 min ⁻¹

Drawbar Test*Front tyres, Rear tyres*

420/70 R 28 520/70 R 38

Test with tractorunballasted ballasted*Total Mass*

5185 kg

Maximum drawbar pull

51.9 kN

at speed of

3.33 km/h

*Not required**Maximum power*

85.2 kW

*in**at speed of*

9.61 km/h

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

Closed centre

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

94.5 l/min

15.9 MPa

25.0 kW

Maximum lifting force*at hitch points, at frame*

48.5 kN

36.2 kN

