



OECD approval number

2/1 863

OECD approval date

Restricted Code

26/10/1999

Make

Massey Ferguson

Model

6280

Type

2 WD

F175215M311A

Manufacturer

Agco S.A.

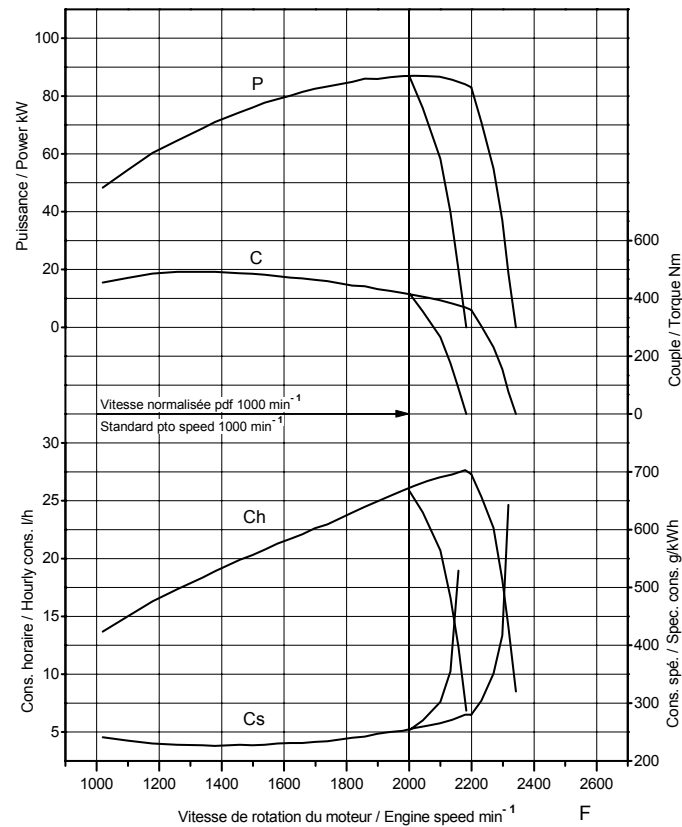
Testing station:

Cemagref, Antony, France

Massey Ferguson 6280

2 RM/WD

OCDE/OECD 2/1863



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 %
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<u>Maximum torque, Engine speed corresponding</u>	492.1 Nm	1398 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

	11.00 - 16	520/70 R 38
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<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
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Total Mass

	4815 kg	
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<i>Maximum drawbar pull</i>	45.4 kN	Not
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<i>at speed of</i>	3.04 km/h	required
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<i>Maximum power</i>	82.5 kW	in
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<i>at speed of</i>	13.62 km/h	Code 2
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Hydraulic Performance and Power Lift Test*Hydraulic system*

		Closed centre
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<u>At maximum hydraulic power</u>		
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<i>Flow rate, Pressure, Power</i>	94.5 l/min	15.9 MPa	25.0 kW
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<u>Maximum lifting force</u>		
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<i>at hitch points, at frame</i>	48.5 kN	36.2 kN
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