



OECD approval number

2/1 987

Restricted Code

OECD approval date

18/06/2002

Make

Massey Ferguson

Model

8280

Type

4 WD

Y18722AG513A - 40 km/h

Manufacturer

Agco S.A.

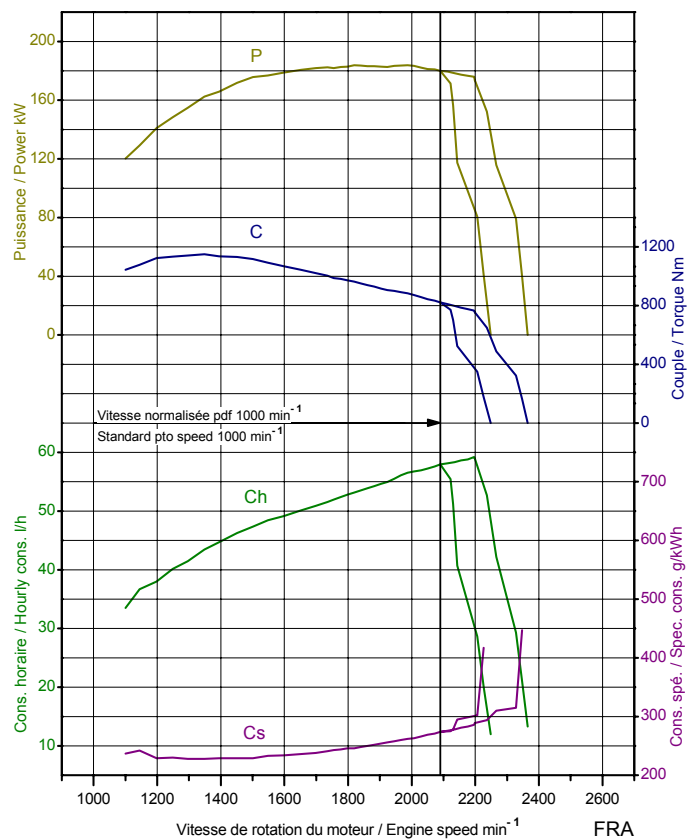
Testing station:

Cemagref, Antony, France

Massey Ferguson 8280

4 RM/WD

OCDE/OECD 2/1987



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu Diesel	645 DSBAE
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	8419 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>		18 8
<i>Speed at rated engine speed</i>		from 2.39 to 39.64 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>		596 min ⁻¹ 1052 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>	183.8 kW	1987 min ⁻¹	950 min ⁻¹
<i>Hourly and specific consumption</i>		56.56 l/h	262 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	176.0 kW	2196 min ⁻¹	1050 min ⁻¹
<i>Hourly and specific consumption</i>		59.21 l/h	286 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	180.0 kW	2090 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		57.95 l/h	274 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		1149.8 Nm	1349 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	600/70 R 28	650/85 R 38
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Total Mass

	<u>unballasted</u>	<u>ballasted</u>
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<i>Maximum drawbar pull</i>	9965 kg	
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<i>at speed of</i>	92.5 kN	Not
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<i>Maximum power</i>	3.66 km/h	required
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<i>at speed of</i>	169.8 kW	in
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	11.28 km/h	Code 2
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Power Lift and Hydraulic Performance Test*Hydraulic system*

<i>Maximum lifting force at hitch points, at frame</i>	90.1 kN	Closed centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	108.0 l/min	12.7 MPa	22.9 kW
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