



OECD approval number

2/2 324

OECD approval date

Restricted Code

09/03/2006

Make

Massey Ferguson

Model

8480

Type

4 WD

Y27 - DynaVT - 40 km/h

Manufacturer

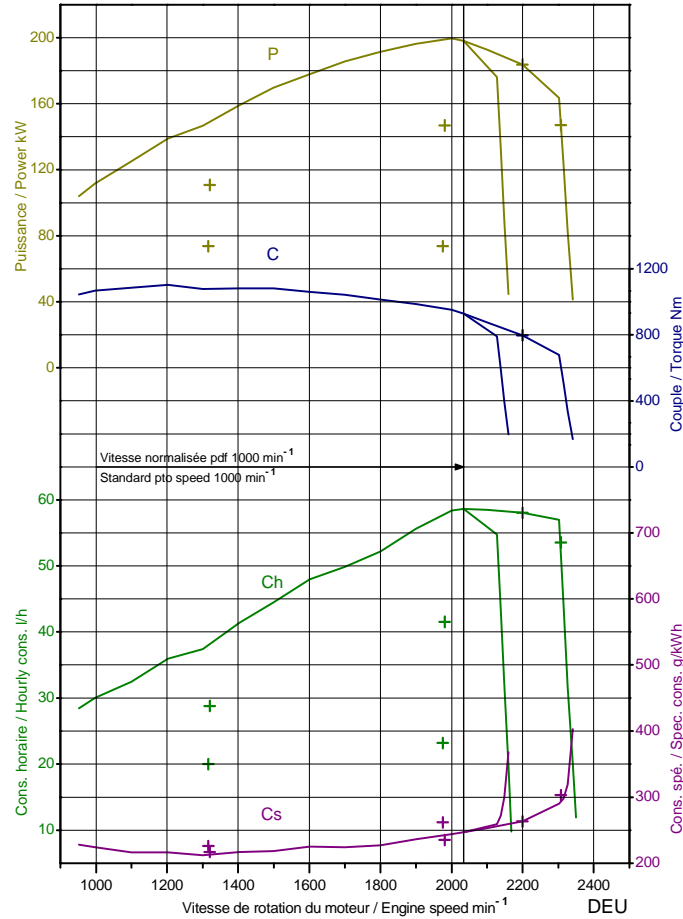
AGCO S.A.

Testing station:

DLG, Gross-Umstadt, Germany

Massey Ferguson 8480
4 RM/WD

OCDE/OECD 2/2324



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu Diesel	84.329 ETA
<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>		Hydrostatic and mechanical
<i>Number of forward and reverse speeds</i>		Not significant
<i>Speed at rated engine speed</i>		from 0.00 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>		1083 min ⁻¹
<i>Diameter of the shaft</i>		35 mm
<i>Number of splines</i>		21

Power take-off Test

<u>Two hours test at maximum power</u>			
<i>Power, Engine and Power take-off speed</i>	199.6 kW	2001 min ⁻¹	984 min ⁻¹
<i>Hourly and specific consumption</i>		58.43 l/h	244 g/kWh
<u>Test at maximum power at rated engine speed</u>			
<i>Power, Engine and Power take-off speed</i>	183.7 kW	2199 min ⁻¹	1081 min ⁻¹
<i>Hourly and specific consumption</i>		58.07 l/h	263 g/kWh
<u>Test at standard Power take-off speed</u>			
<i>Power, Engine and Power take-off speed</i>	198.0 kW	2034 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		58.63 l/h	247 g/kWh
<u>Torque rise</u>			35.8 %
<u>Maximum torque, Engine speed corresponding</u>		1082.0 Nm	1403 min ⁻¹

Drawbar Test

<i>Front tyres, Rear tyres</i>	600/70 R 28	650/85 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	9240 kg	
<i>Maximum drawbar pull</i>	91.9 kN	Not
<i>at speed of</i>	5.96 km/h	required
<i>Maximum power</i>	167.9 kW	in
<i>at speed of</i>	10.64 km/h	Code 2

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	132.5 l/min	16.1 MPa	35.6 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		58.7 kN	57.9 kN

