



OECD approval number

2/2 195

OECD approval date

Restricted Code

01/12/2004

Make

Massey Ferguson

Model

7480

Type

4 WD

F37 - DynaVT - 40 km/h

Manufacturer

AGCO S.A.

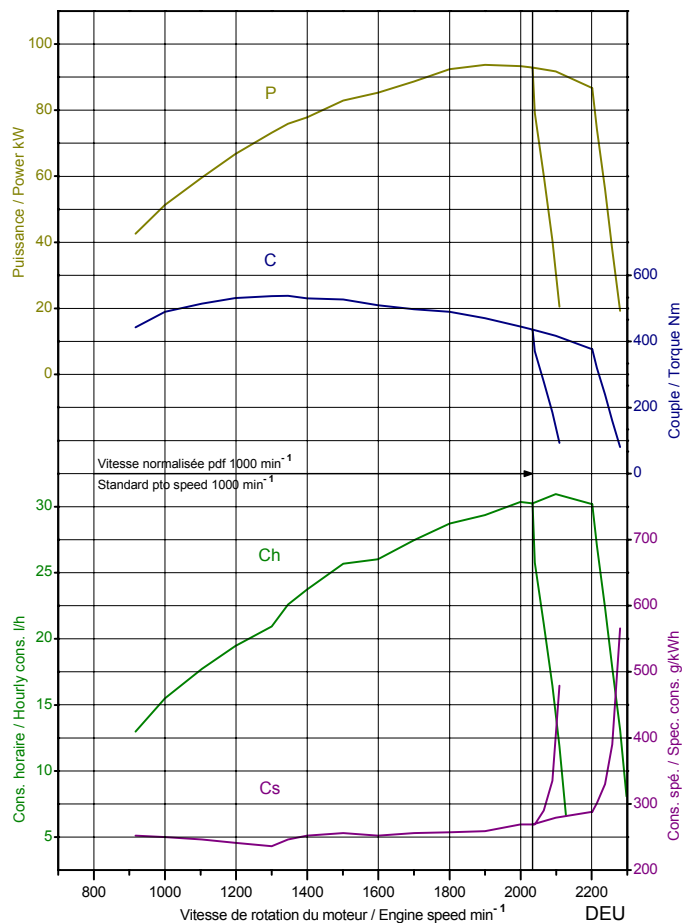
Testing station:

DLG, Gross-Umstadt, Germany

Massey Ferguson 7480

4 RM/WD

OCDE/OECD 2/2195



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1106C-E60TA / 2366/2200	
<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>		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>		576 min ⁻¹	1083 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>	93.7 kW	1900 min ⁻¹	934 min ⁻¹
<i>Hourly and specific consumption</i>		29.37 l/h	259 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	86.7 kW	2201 min ⁻¹	1082 min ⁻¹
<i>Hourly and specific consumption</i>		30.20 l/h	288 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	92.9 kW	2034 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		30.26 l/h	269 g/kWh

Torque rise

		43.1 %	
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<u>Maximum torque, Engine speed corresponding</u>		538.0 Nm	1346 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	540/65 R 28	650/65 R 38
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Total Mass

	<u>unballasted</u>	<u>ballasted</u>
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<i>Maximum drawbar pull</i>	6730 kg	
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<i>at speed of</i>	65.4 kN	Not
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<i>Maximum power</i>	4.04 km/h	required
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<i>at speed of</i>	80.2 kW	in
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	12.83 km/h	Code 2
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Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed
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<u>At maximum hydraulic power</u>			
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<i>Flow rate, Pressure, Power</i>	101.8 l/min	15.9 MPa	27.0 kW
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<u>Maximum lifting force</u>			
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<i>at hitch points, at frame</i>		57.2 kN	53.6 kN
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