



OECD approval number

2/2 432

OECD approval date

17/09/2008

Make

Massey Ferguson

Model

7480

Type

4 WD

F37822GS313A - 40 km/h

Manufacturer:

AGCO S.A.

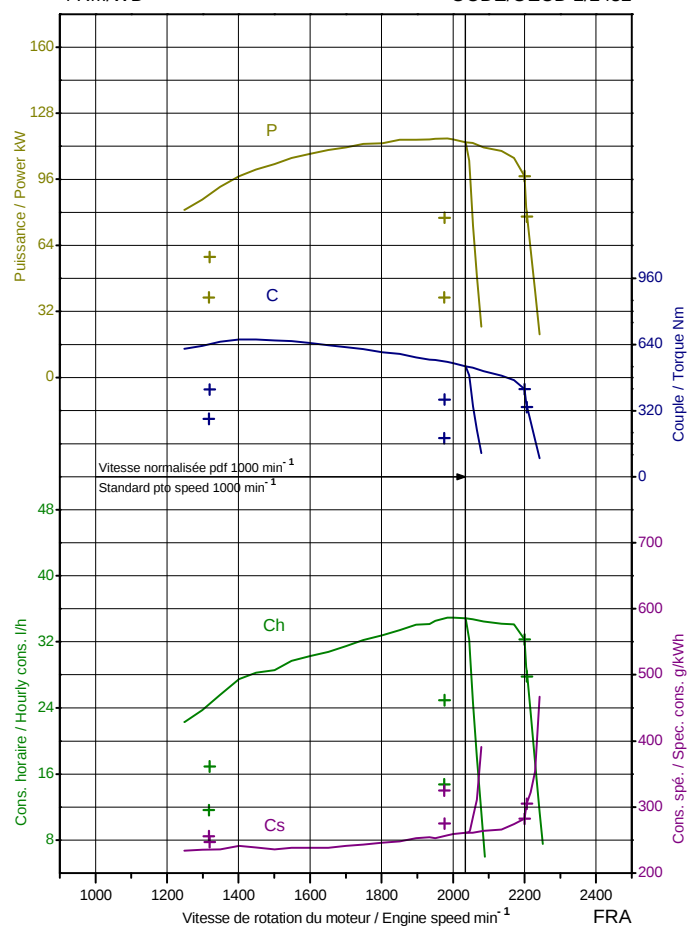
Testing station:

Cemagref, Antony, France

Massey Ferguson 7480

4 RM/WD

OCDE/OECD 2/2432



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1106D-E66TA (3394/2200)
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6600 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
<i>Standard Power take-off speed</i>		540 min^{-1} 1000 min^{-1}
<i>Power take-off speed at rated engine speed</i>		576 min^{-1} 1081 min^{-1}
<i>Diameter of the shaft</i>		34.9 mm 34.9 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>	115.6 kW	1950 min^{-1}	958 min^{-1}
<i>Hourly and specific consumption</i>		34.56 l/h	253 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	97.6 kW	2200 min^{-1}	1081 min^{-1}
<i>Hourly and specific consumption</i>		32.27 l/h	282 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	113.9 kW	2035 min^{-1}	1000 min^{-1}
<i>Hourly and specific consumption</i>		34.86 l/h	261 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		665.1 Nm	1401 min^{-1}
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Drawbar Test

<i>Front tyres, Rear tyres</i>	16.9 R 28	480/80 R 42
<i>Test with tractor</i>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	7145 kg	8935 kg
<i>Maximum drawbar pull</i>	60.5 kN	75.2 kN
<i>at speed of</i>	3.51 km/h	3.39 km/h
<i>Maximum power</i>	94.8 kW	95.5 kW
<i>at speed of</i>	8.70 km/h	7.65 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<i>At maximum hydraulic power</i>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	101.5 l/min	13.9 MPa	23.5 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	98.2 l/min	16.5 MPa	27.0 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		60.0 kN	56.2 kN

