



OECD approval number

2/2 431

OECD approval date

17/09/2008

Make

Massey Ferguson

Model

7475

Type

4 WD

F36822GS313A - 40 km/h

Manufacturer:

AGCO S.A.

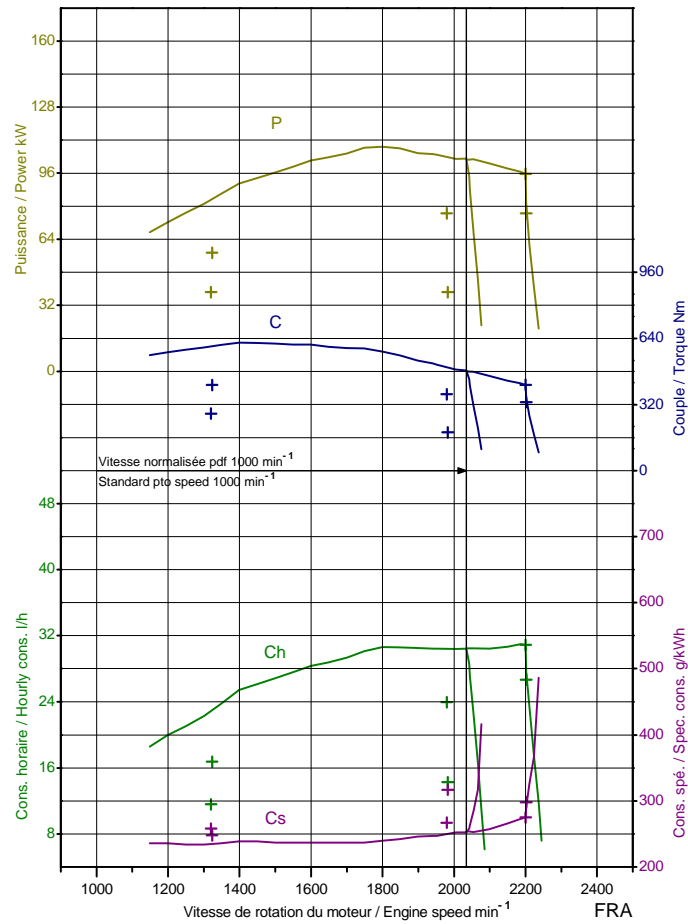
Testing station:

Cemagref, Antony, France

Massey Ferguson 7475

4 RM/WD

OCDE/OECD 2/2431



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1106D-E66TA (3390/2200)	
<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
<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	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>	108.8 kW	1800 min ⁻¹	885 min ⁻¹
<i>Hourly and specific consumption</i>		30.64 l/h	240 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	95.7 kW	2200 min ⁻¹	1081 min ⁻¹
<i>Hourly and specific consumption</i>		30.88 l/h	275 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	103.1 kW	2034 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		30.47 l/h	252 g/kWh

Torque rise

<u>Maximum torque, Engine speed corresponding</u>		620.0 Nm	1399 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	16.9 R 28	480/80 R 42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	6705 kg	8245 kg
<i>Maximum drawbar pull</i>	59.5 kN	72.2 kN
<i>at speed of</i>	2.83 km/h	3.64 km/h
<i>Maximum power</i>	90.0 kW	89.4 kW
<i>at speed of</i>	10.88 km/h	8.12 km/h

Hydraulic Performance and Power Lift Test

Hydraulic system Closed centre

At maximum hydraulic power

<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

Maximum lifting force

<i>at the hitch points, at frame</i>	60.0 kN	56.2 kN
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