



OECD approval number

2/2 211

Restricted Code

OECD approval date

07/01/2005

Make

Massey Ferguson

Model

6475

Type

4 WD

F31523AF113A - 40 km/h

Manufacturer

AGCO S.A.

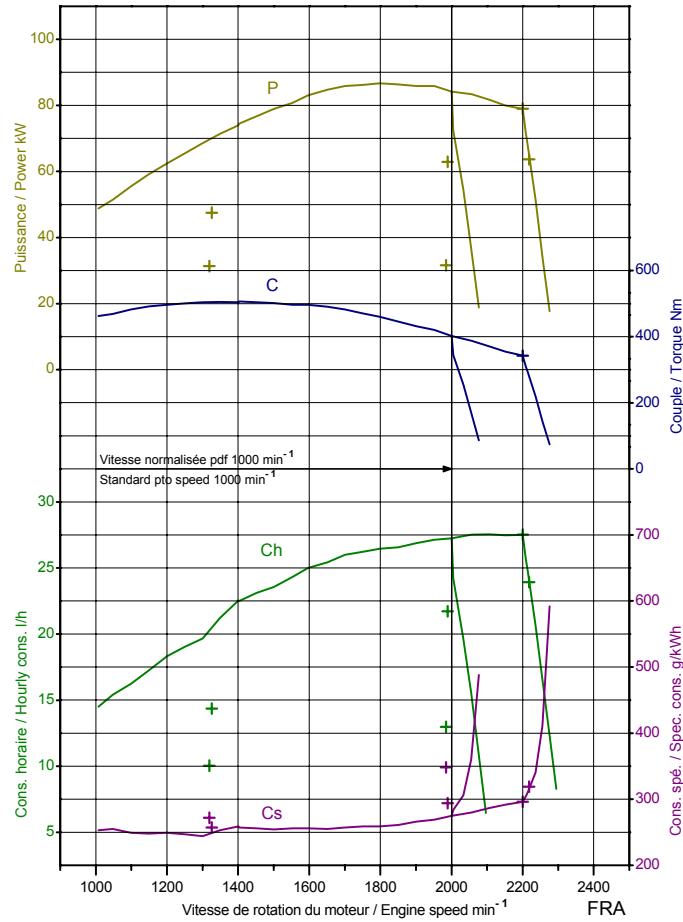
Testing station:

Cemagref, Antony, France

Massey Ferguson 6475

4 RM/WD

OCDE/OECD 2/2211



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	Perkins	1106C-E60 TA	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	6	vertical in line	
<i>Capacity, Cooling</i>	5985 cm <sup>3</sup>	Liquid	
<i>Gear box</i>		Mechanical	
<i>Number of forward and reverse speeds</i>		32	32
<i>Speed at rated engine speed</i>		from 2.26	to 40.00 km/h
<u>Standard Power take-off speed</u>		<u>540 min<sup>-1</sup></u>	<u>1000 min<sup>-1</sup></u>
<i>Power take-off speed at rated engine speed</i>		601 min <sup>-1</sup>	1100 min <sup>-1</sup>
<i>Diameter of the shaft</i>		34.9 mm	34.9 mm
<i>Number of splines</i>		6	21

**Power take-off Test**Two hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	86.7 kW	1798 min <sup>-1</sup>	899 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		26.46 l/h	259 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	79.0 kW	2200 min <sup>-1</sup>	1100 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		27.53 l/h	296 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	84.2 kW	2000 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		27.25 l/h	275 g/kWh

Torque rise

<i>Maximum torque. Engine speed corresponding</i>		506.7 Nm	1402 min <sup>-1</sup>
---	--	----------	------------------------

**Drawbar Test**

<i>Front tyres, Rear tyres</i>	480/70 R 28	580/70 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	5995 kg	
<i>Maximum drawbar pull</i>	54.9 kN	<i>Not</i>
<i>at speed of</i>	3.18 km/h	<i>required</i>
<i>Maximum power</i>	78.7 kW	<i>in</i>
<i>at speed of</i>	9.35 km/h	<i>Code 2</i>

**Hydraulic Performance and Power Lift Test**

<i>Hydraulic system</i>		Closed centre	
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	91.5 l/min	14.1 MPa	21.5 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		43.9 kN	38.0 kN

