



OECD approval number

2/2 546

OECD approval date

04/03/2010

Make

Massey Ferguson

Model

6475

Type

4 WD

F31B22GS113A - mechanical - 40 km/h

Manufacturer:

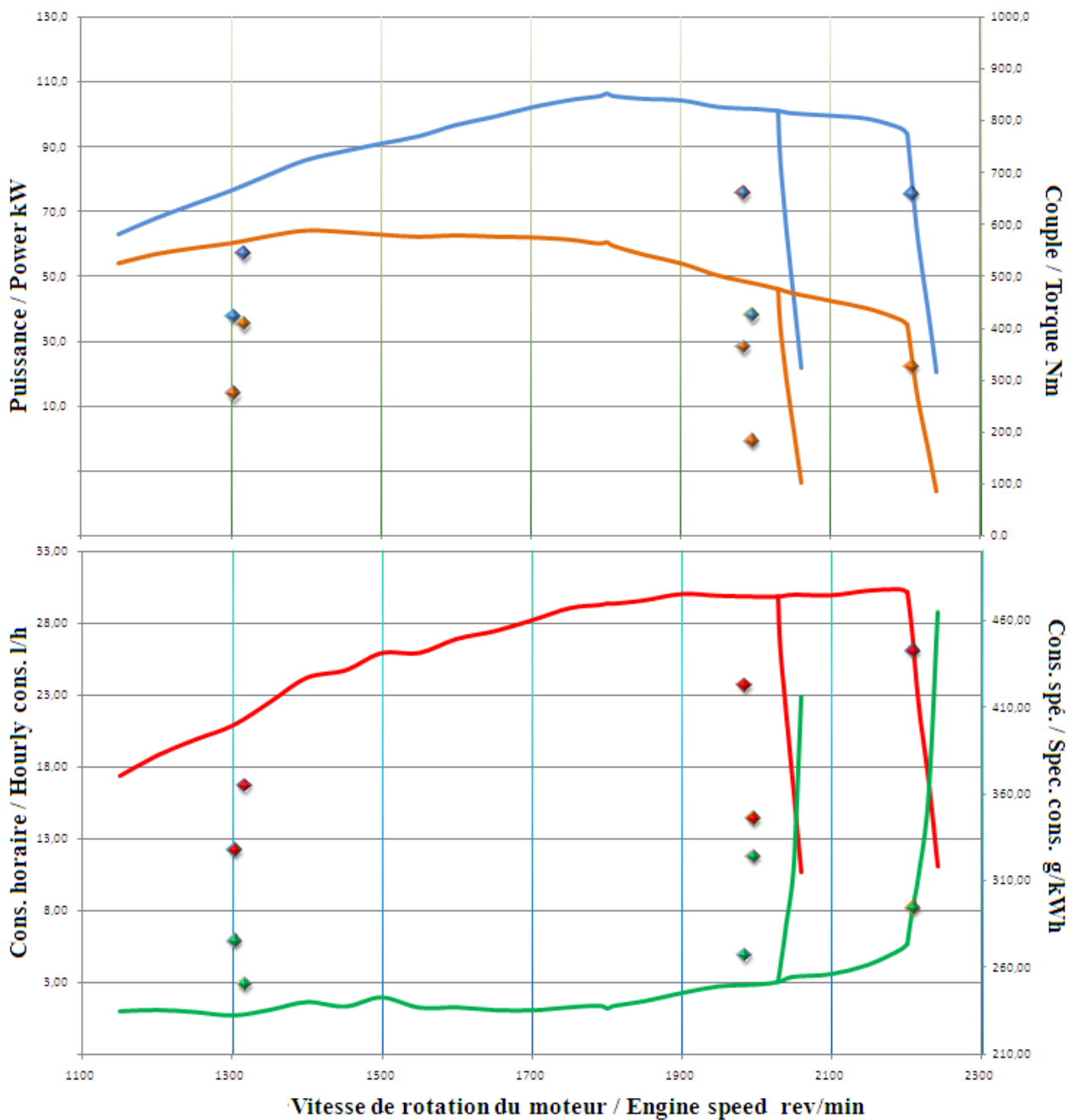
AGCO S.A.

Testing station:

CEMAGREF, Antony, France

Massey Ferguson 6475
4 RM/WD

OCDE/OECD 2/2 546



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1106D-E66TA (3388/2200)
<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>		mechanical
<i>Number of forward and reverse speeds</i>		24
<i>Speed at rated engine speed</i>		from 1,62 to 40 km/h
<u>Standard Power take-off speed</u>		540 min^{-1} 1000 min^{-1}
<i>Power take-off speed at rated engine speed</i>		600 min^{-1} 1083 min^{-1}
<i>Diameter of the shaft</i>		34,9 mm 34,9 mm
<i>Number of splines</i>		6 21

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	106,6 kW	1800 min^{-1}	887 min^{-1}
<i>Hourly and specific consumption</i>		29,38 l/h	236 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	94,1 kW	2200 min^{-1}	1083 min^{-1}
<i>Hourly and specific consumption</i>		30,15 l/h	273 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	101,2 kW	2030 min^{-1}	1000 min^{-1}
<i>Hourly and specific consumption</i>		29,86 l/h	252 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		587,5 Nm	1399 min^{-1}
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Drawbar Test

<i>Front tyres, Rear tyres</i>	16.9 R 28	460/85 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	6220 kg	
<i>Maximum drawbar pull</i>	57,9 kN	Not
<i>at speed of</i>	1,72 km/h	required
<i>Maximum power</i>	86,7 kW	
<i>at speed of</i>	11,13 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Closed
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At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	100,8 l/min	13,4 MPa	22,6 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	95,7 l/min	16,2 MPa	25,8 kW

Maximum lifting force

<i>at the hitch points, at frame</i>		52,4 kN	72,2 kN
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