



OECD approval number

2/2 430

OECD approval date

17/09/2008

Make

Massey Ferguson

Model

7465

Type

4 WD

F35822GS313A - 40 km/h

Manufacturer:

AGCO S.A.

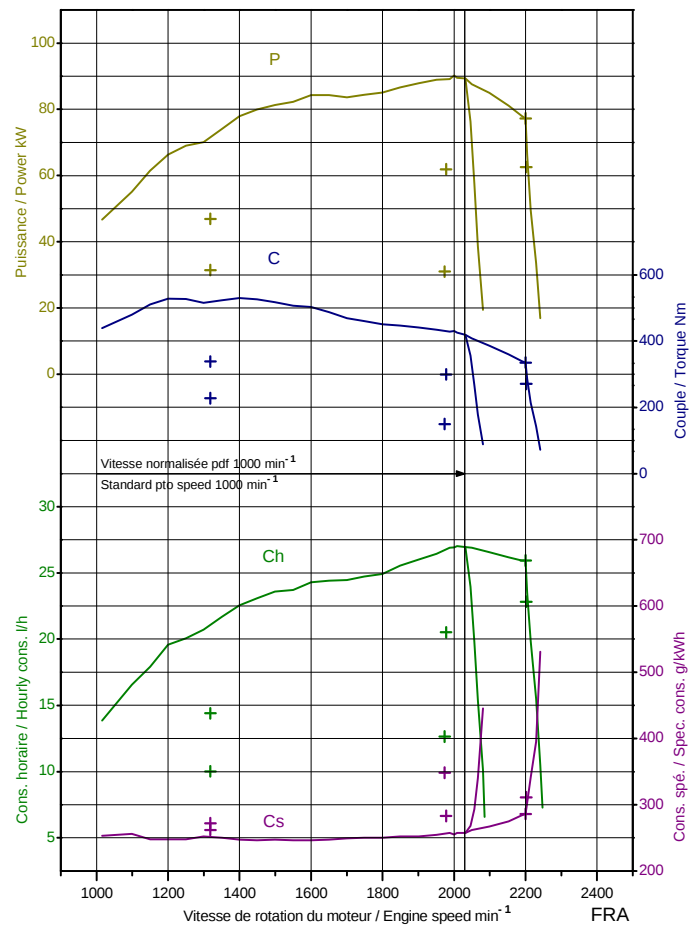
Testing station:

Cemagref, Antony, France

Massey Ferguson 7465

4 RM/WD

OCDE/OECD 2/2430



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1106D-E66TA (2536/2200)
<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} 1084 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>	90.2 kW	2000 min^{-1}	983 min^{-1}
<i>Hourly and specific consumption</i>		26.94 l/h	255 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	77.2 kW	2200 min^{-1}	1081 min^{-1}
<i>Hourly and specific consumption</i>		25.94 l/h	286 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	89.3 kW	2032 min^{-1}	1000 min^{-1}
<i>Hourly and specific consumption</i>		26.95 l/h	257 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		530.9 Nm	1400 min^{-1}
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Drawbar Test*Front tyres, Rear tyres*

<i>Test with tractor</i>	16.9 R 28	480/80 R 42
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Total Mass

	unballasted	ballasted
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Maximum drawbar pull

	6895 kg	
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at speed of

	58.2 kN	Not
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Maximum power

	2.28 km/h	required
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at speed of

	73.4 kW	
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at speed of

	7.17 km/h	
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Hydraulic Performance and Power Lift Test*Hydraulic system*

		Closed centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	100.0 l/min	14.2 MPa	23.7 kW
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<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	97.7 l/min	16.5 MPa	26.9 kW
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Maximum lifting force

<i>at the hitch points, at frame</i>		61.3 kN	55.2 kN
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