



OECD approval number

2/2 433

OECD approval date

18/09/2008

Make

Massey Ferguson

Model

6465

Type

4 WD

F30B22GS213A - 40 km/h

Manufacturer:

AGCO S.A.

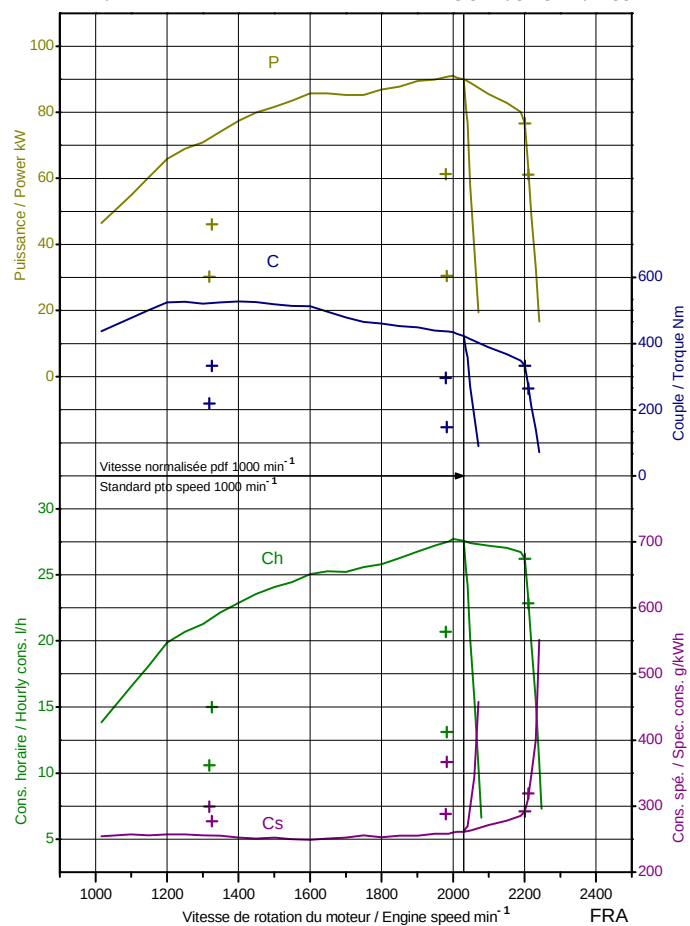
Testing station:

Cemagref, Antony, France

Massey Ferguson 6465

4 RM/WD

OCDE/OECD 2/2433



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>		Mechanical
<i>Number of forward and reverse speeds</i>	24	24
<i>Speed at rated engine speed</i>	from 1.68	to 40.00 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>	601 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>	91.1 kW	2000 min ⁻¹	985 min ⁻¹
<i>Hourly and specific consumption</i>		27.72 l/h	260 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	76.6 kW	2201 min ⁻¹	1084 min ⁻¹
<i>Hourly and specific consumption</i>		26.22 l/h	292 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	90.0 kW	2030 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		27.57 l/h	261 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	528.4 Nm	1401 min ⁻¹	59.0 %
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Drawbar Test

<i>Front tyres, Rear tyres</i>	14.9 R 28	18.4 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	5515 kg	
<i>Maximum drawbar pull</i>	47.7 kN	Not
<i>at speed of</i>	1.51 km/h	required
<i>Maximum power</i>	79.1 kW	
<i>at speed of</i>	8.36 km/h	

Hydraulic Performance and Power Lift Test

Hydraulic system		Closed centre	
<u>At maximum hydraulic power</u>			
Flow rate, Pressure, Power (couplers: 1 pair)	93.8 l/min	14.5 MPa	22.7 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)	101.2 l/min	15.8 MPa	26.6 kW
<u>Maximum lifting force</u>			
at the hitch points, at frame		40.7 kN	32.2 kN

