



OECD approval number

2/2 515

OECD approval date

29/10/2009

Make

Massey Ferguson

Model

5445

Type

4 WD

D23D22GF613A - 40 km/h

Manufacturer:

AGCO S.A.

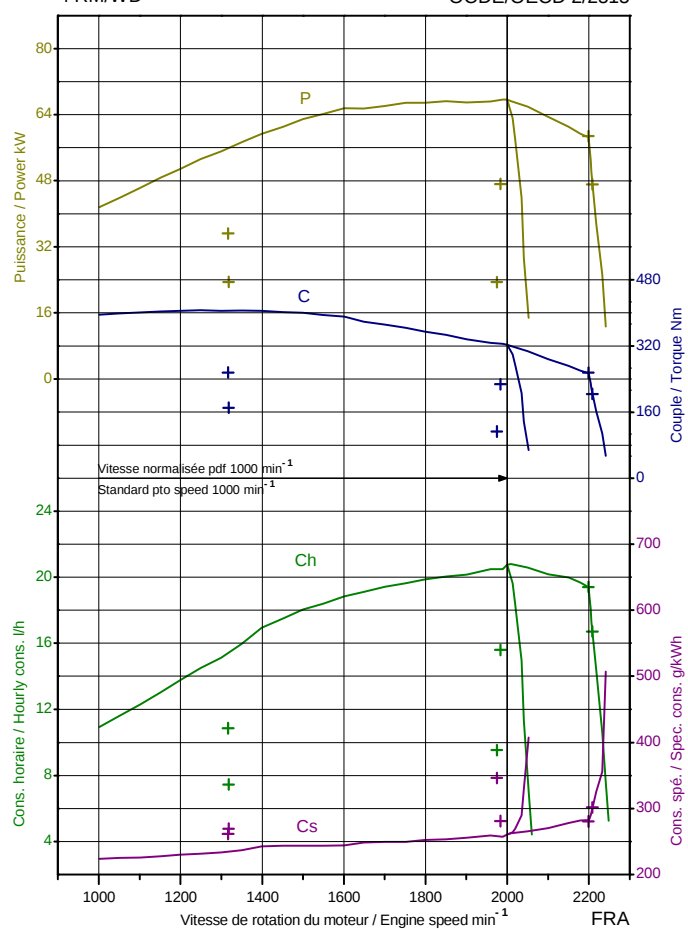
Testing station:

Cemagref, Antony, France

Massey Ferguson 5445

4 RM/WD

OCDE/OECD 2/2515



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1104D-E44TA (3261/2200)
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4400 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	16	16
<i>Speed at rated engine speed</i>	from 2.12	to 40.21 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>	601 min ⁻¹	1100 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>	67.7 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		20.77 l/h	261 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	58.8 kW	2199 min ⁻¹	1099 min ⁻¹
<i>Hourly and specific consumption</i>		19.41 l/h	280 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	67.7 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		20.77 l/h	261 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	407.0 Nm	1250 min ⁻¹	59.4 %
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Drawbar Test*Front tyres, Rear tyres*Test with tractor

<i>Total Mass</i>	14.9 R 28	18.4 R 38
<i>Maximum drawbar pull</i>	<u>unballasted</u>	<u>ballasted</u>
<i>at speed of</i>	4410 kg	
<i>Maximum power</i>	38.7 kN	Not
<i>at speed of</i>	3.39 km/h	required
	56.9 kW	
	9.20 km/h	

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	55.5 l/min	17.8 MPa	16.5 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	56.4 l/min	17.4 MPa	16.4 kW

Maximum lifting force

<i>at the hitch points, at frame</i>	41.5 kN	34.0 kN
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