



OECD approval number

2/2 291

OECD approval date

Restricted Code

15/11/2005

Make

Massey Ferguson

Model

5445

Type

2 WD

D23212AT121A - 40 km/h

Manufacturer

AGCO S.A.

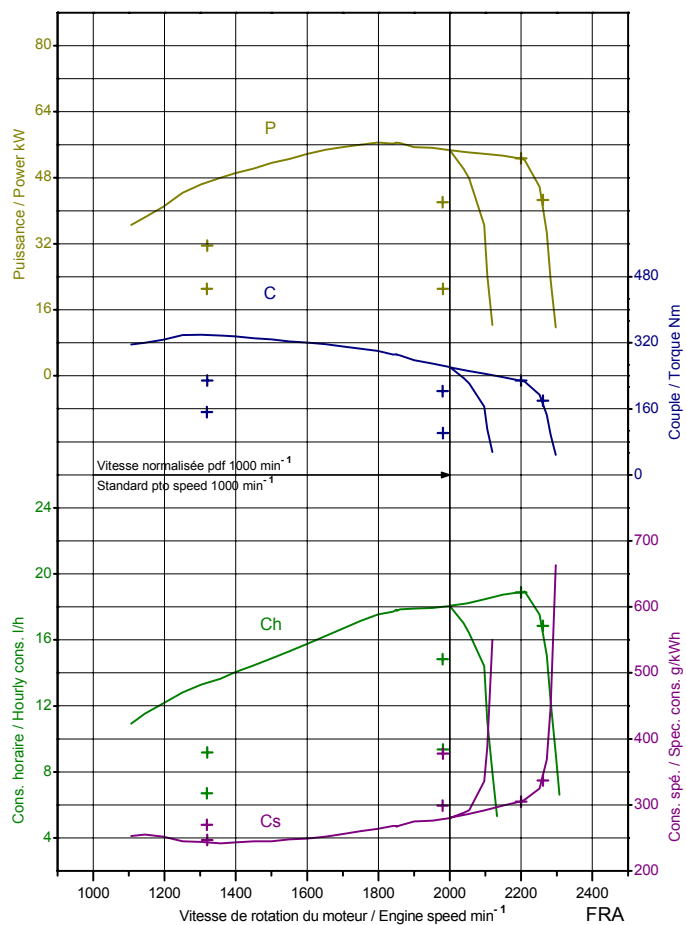
Testing station:

Cemagref, Antony, France

Massey Ferguson 5445

2 RM/WD

OCDE/OECD 2/2291



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1104C-44 T (2165/2200)
<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 2.63	to 37.74 km/h
<u>Standard Power take-off speed</u>	<u>540 min⁻¹</u>	<u>1000 min⁻¹</u>
<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>	56.6 kW	1851 min ⁻¹	925 min ⁻¹
<i>Hourly and specific consumption</i>		17.83 l/h	268 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	52.7 kW	2200 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		18.88 l/h	305 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	54.7 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		18.05 l/h	280 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		339.9 Nm	1303 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	10.00 - 16	480/70 R 38
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Total Mass

<i>Maximum drawbar pull</i>	3915 kg	
<i>at speed of</i>	33.4 kN	Not
<i>Maximum power</i>	2.36 km/h	required

at speed of

<i>at speed of</i>	46.7 kW	in
	7.90 km/h	Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

<u>At maximum hydraulic power</u>		Opened centre
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<i>Flow rate, Pressure, Power</i>	56.1 l/min	15.8 MPa	14.8 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		42.2 kN	35.4 kN
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