



OECD approval number

2/2 532

OECD approval date

02/12/2009

Make

Massey Ferguson

Model

5425

Type

4 WD

D21A22GF613A - 40 km/h

Manufacturer:

AGCO S.A.

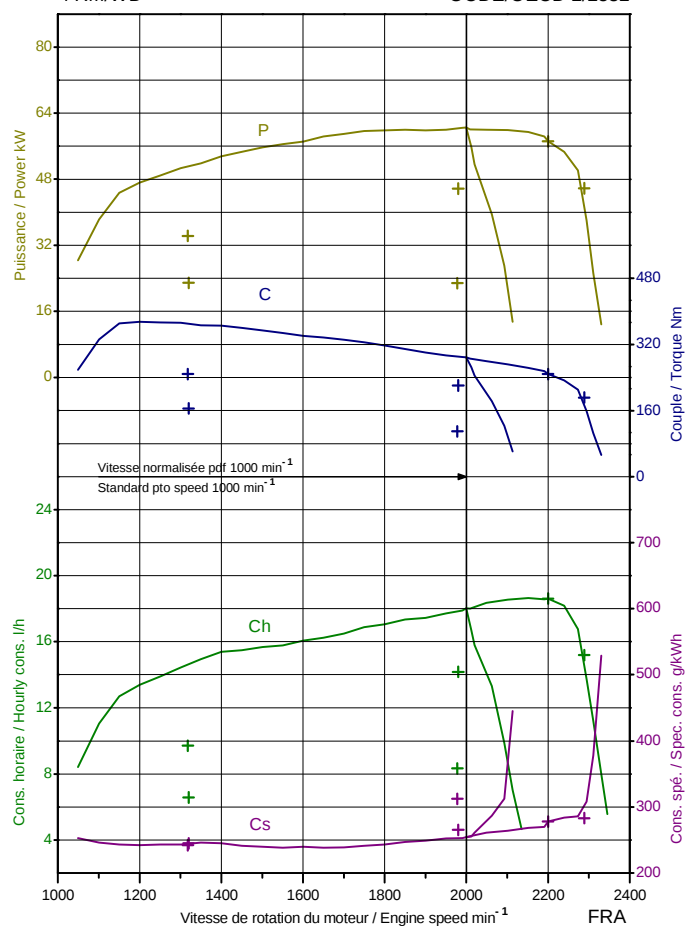
Testing station:

Cemagref, Antony, France

Massey Ferguson 5425

4 RM/WD

OCDE/OECD 2/2532



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1104D-44TA (3055/2200)
<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 1.99	to 40.73 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>	60.5 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		18.02 l/h	254 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	57.2 kW	2200 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		18.61 l/h	278 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	60.5 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		18.02 l/h	254 g/kWh

Torque rise

51.1 %

Maximum torque, Engine speed corresponding375.1 Nm 1200 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

14.9 R 24 18.4 R 34

Test with tractorunballasted ballasted*Total Mass*

4285 kg

Maximum drawbar pull

36.7 kN

Not

at speed of

1.82 km/h

required

Maximum power

50.3 kW

at speed of

8.55 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power*Flow rate, Pressure, Power (couplers: 1 pair)* 55.4 l/min 16.8 MPa 15.5 kW*Flow rate, Pressure, Power (couplers: 2 pairs or +)* 55.2 l/min 16.9 MPa 15.6 kWMaximum lifting force*at the hitch points, at frame*

42.6 kN 33.2 kN

