



OECD approval number

2/2 321

OECD approval date

Restricted Code

09/03/2006

Make

Massey Ferguson

Model

8450

Type

4 WD

Y23 - DynaVT - 40 km/h

Manufacturer

AGCO S.A.

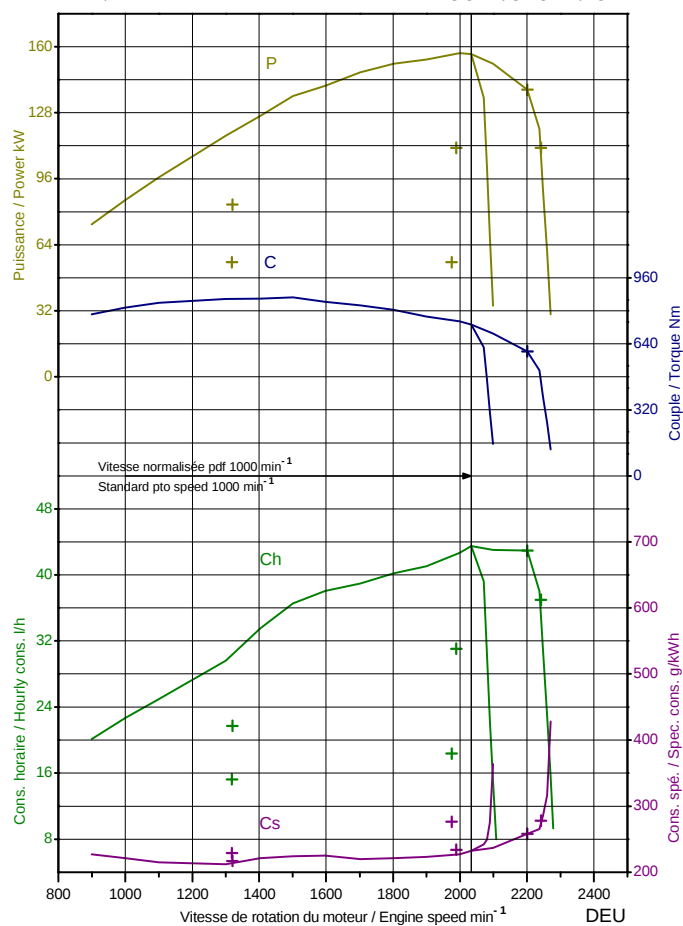
Testing station:

DLG, Gross-Umstadt, Germany

Massey Ferguson 8450

4 RM/WD

OCDE/OECD 2/2321



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu Diesel	74.288 ETA
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	7365 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>		<u>540 min⁻¹</u> <u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>		1083 min ⁻¹
<i>Diameter of the shaft</i>		35 mm
<i>Number of splines</i>		21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	156.9 kW	1999 min ⁻¹	983 min ⁻¹
<i>Hourly and specific consumption</i>		42.69 l/h	227 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	139.1 kW	2201 min ⁻¹	1082 min ⁻¹
<i>Hourly and specific consumption</i>		42.95 l/h	258 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	156.5 kW	2034 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		43.49 l/h	232 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		865.0 Nm	1501 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

600/70 R 28 650/85 R 38

Test with tractorunballasted ballasted*Total Mass*

9030 kg

Maximum drawbar pull

89.8 kN

Not

at speed of

4.23 km/h

required

Maximum power

131.4 kW

in

at speed of

8.22 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power*

133.7 l/min

16.0 MPa

35.6 kW

Maximum lifting force*at hitch points, at frame*

63.0 kN

56.9 kN

