



OECD approval number

2/2 322/1

Restricted Code

05/05/2006

OECD approval date

Make

Massey Ferguson

Model

8460

Type

4 WD

Y24 - DynaVT - 40 km/h

Manufacturer

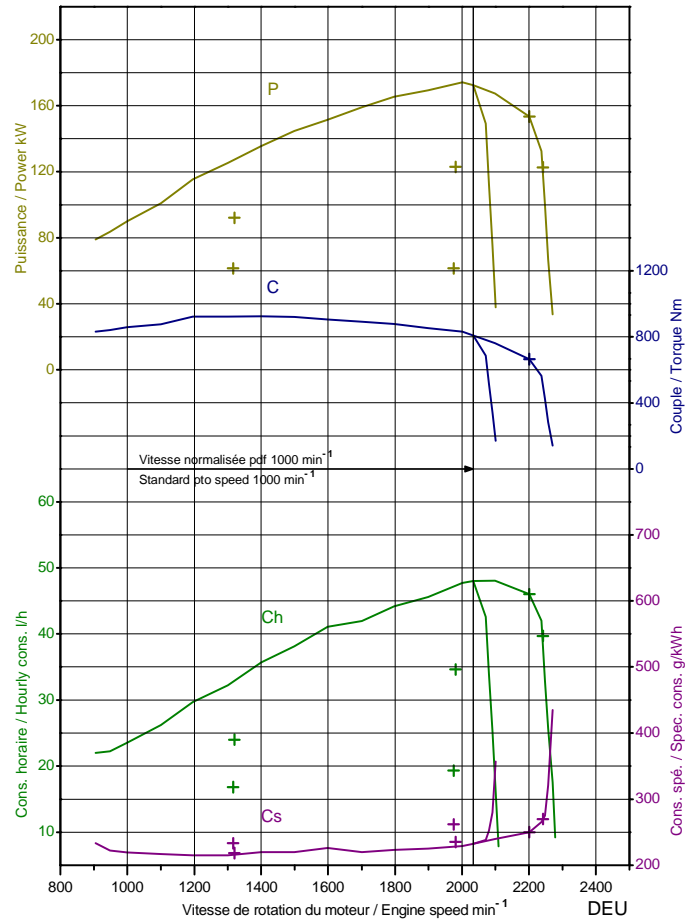
AGCO S.A.

Testing station:

DLG, Gross-Umstadt, Germany

Massey Ferguson 8460  
4 RM/WD

OCDE/OECD 2/2322/1



**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 <sup>3</sup>		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
<u>Standard Power take-off speed</u>		<u>540 min<sup>-1</sup></u>	<u>1000 min<sup>-1</sup></u>
<i>Power take-off speed at rated engine speed</i>			1083 min <sup>-1</sup>
<i>Diameter of the shaft</i>			35 mm
<i>Number of splines</i>			21

**Power take-off Test**

<u>Two hours test at maximum power</u>			
<i>Power, Engine and Power take-off speed</i>	174.1 kW	2001 min <sup>-1</sup>	984 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		47.74 l/h	229 g/kWh
<u>Test at maximum power at rated engine speed</u>			
<i>Power, Engine and Power take-off speed</i>	153.4 kW	2201 min <sup>-1</sup>	1082 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		46.01 l/h	250 g/kWh
<u>Test at standard Power take-off speed</u>			
<i>Power, Engine and Power take-off speed</i>	172.4 kW	2034 min <sup>-1</sup>	1254 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		48.02 l/h	232 g/kWh
<u>Torque rise</u>			38.9 %
<u>Maximum torque, Engine speed corresponding</u>		924.0 Nm	1401 min <sup>-1</sup>

**Drawbar Test**

<i>Front tyres, Rear tyres</i>	600/70 R 28	650/85 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	9030 kg	
<i>Maximum drawbar pull</i>	88.9 kN	Not
<i>at speed of</i>	4.91 km/h	required
<i>Maximum power</i>	147.0 kW	in
<i>at speed of</i>	9.23 km/h	Code 2

**Hydraulic Performance and Power Lift Test**

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	133.7 l/min	16.0 MPa	35.6 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		63.0 kN	56.9 kN

