



OECD approval number

2/2 298

OECD approval date

Restricted Code

09/12/2005

Make

Massey Ferguson

Model

6499

Type

4 WD

Y22522AL213A - 40 km/h

Manufacturer

AGCO S.A.

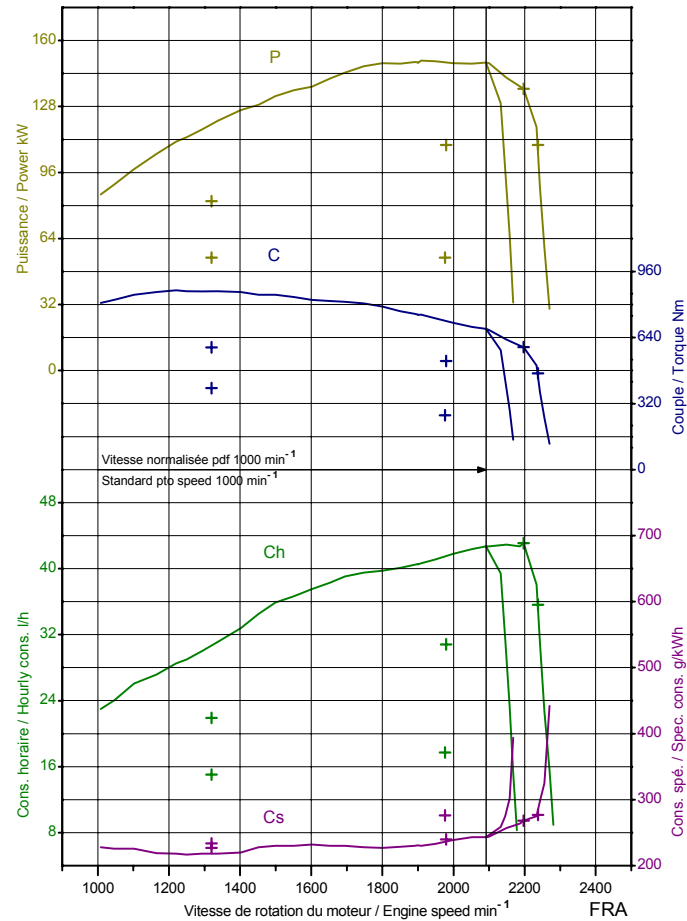
Testing station:

Cemagref, Antony, France

Massey Ferguson 6499

4 RM/WD

OCDE/OECD 2/2298



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu Diesel	74.286 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>		Mechanical
<i>Number of forward and reverse speeds</i>	32	32
<i>Speed at rated engine speed</i>	from 2.40	to 40.00 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>	594 min ⁻¹	1052 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>	150.3 kW	1909 min ⁻¹	913 min ⁻¹
<i>Hourly and specific consumption</i>		40.65 l/h	230 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	136.6 kW	2197 min ⁻¹	1051 min ⁻¹
<i>Hourly and specific consumption</i>		43.09 l/h	268 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	149.3 kW	2091 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		42.72 l/h	243 g/kWh

Torque rise

		46.3 %
<u>Maximum torque, Engine speed corresponding</u>	869.0 Nm	1220 min ⁻¹

Drawbar Test*Front tyres, Rear tyres*

420/90 R 30 520/85 R 42

Test with tractorunballasted ballasted*Total Mass*

7860 kg

Maximum drawbar pull

68.3 kN

*at speed of*2.11 km/h *Not required**Maximum power*

126.0 kW

*at speed of*10.80 km/h *in Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

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

80.7 l/min

14.6 MPa

19.6 kW

Maximum lifting force*at hitch points, at frame*

72.7 kN

65.1 kN

