



OECD approval number

2/2 296

OECD approval date

Restricted Code

02/12/2005

Make

Massey Ferguson

Model

6497

Type

4 WD

Y21522AL113A - 40 km/h

Manufacturer

AGCO S.A.

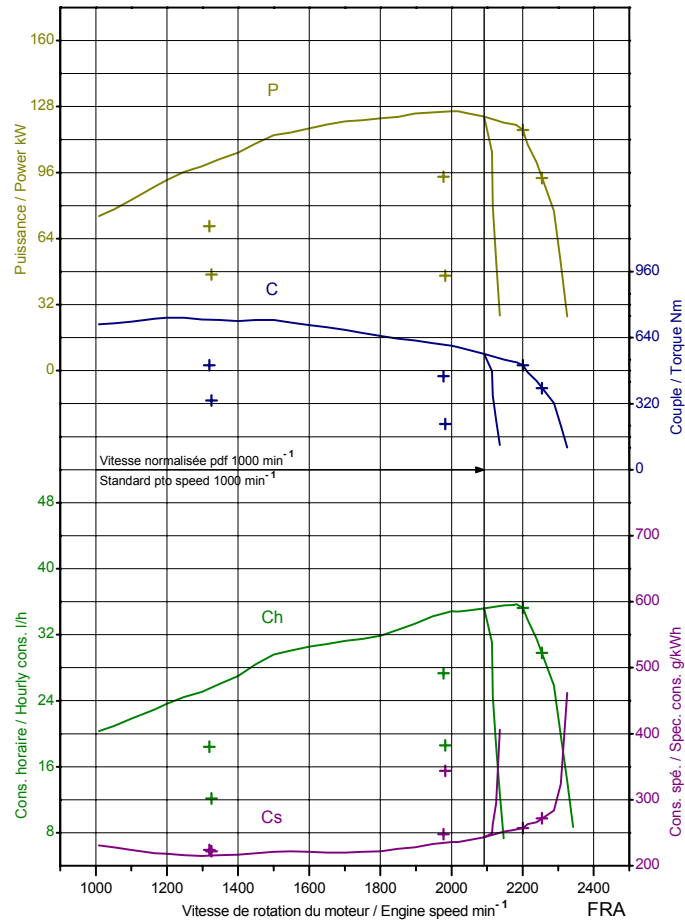
Testing station:

Cemagref, Antony, France

Massey Ferguson 6497

4 RM/WD

OCDE/OECD 2/2296



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu Diesel	66.253 ETA
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6596 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 2.41	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>	125.8 kW	2000 min ⁻¹	956 min ⁻¹
<i>Hourly and specific consumption</i>		34.85 l/h	236 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	116.6 kW	2201 min ⁻¹	1053 min ⁻¹
<i>Hourly and specific consumption</i>		35.25 l/h	257 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	123.2 kW	2092 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		35.20 l/h	243 g/kWh

Torque rise

		45.7 %
<u>Maximum torque, Engine speed corresponding</u>	737.0 Nm	1248 min ⁻¹

Drawbar Test*Front tyres, Rear tyres*

420/90 R 30 520/85 R 42

Test with tractorunballasted ballasted*Total Mass*

7300 kg

Maximum drawbar pull

62.6 kN

Not

at speed of

2.22 km/h

required

Maximum power

113.7 kW

in

at speed of

9.40 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

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

93.6 l/min

13.6 MPa

21.2 kW

Maximum lifting force*at hitch points, at frame*

72.7 kN

65.1 kN

