



OECD approval number

2/2 390

OECD approval date

10/01/2008

Make

Massey Ferguson

Model

6499

Type

4 WD

Y22E23GK213A - 40 km/h

Manufacturer

AGCO S.A.

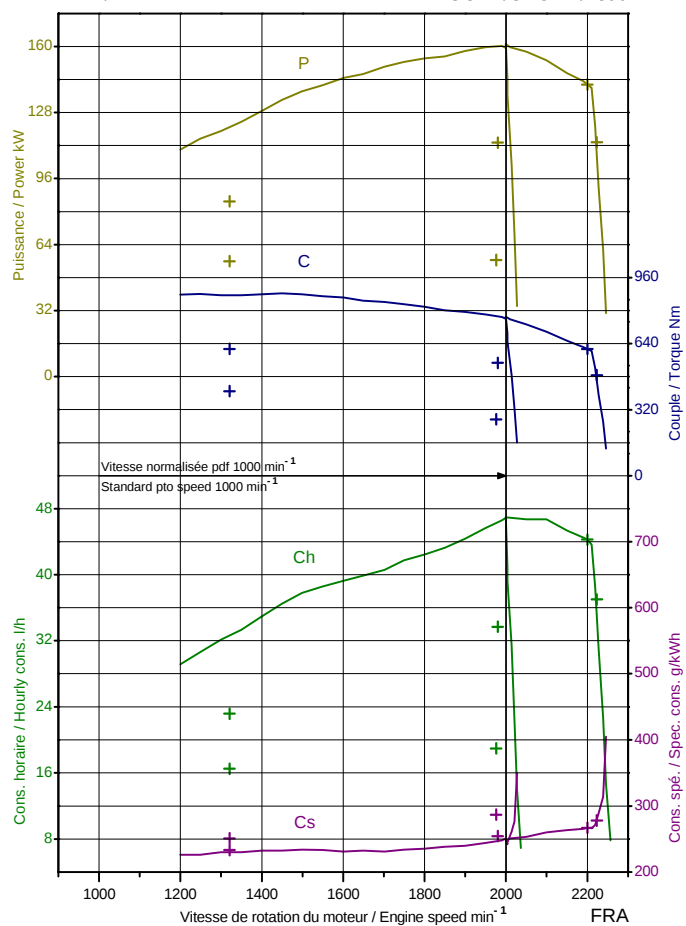
Testing station:

Cemagref, Antony, France

Massey Ferguson 6499

4 RMWD

OCDE/OECD 2/2390



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu Diesel	74.392 CTA - 4V
<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>	24	24
<i>Speed at rated engine speed</i>	from 1.59	to 44.84 km/h
<u>Standard Power take-off speed</u>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	594 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>	161.2 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		46.95 l/h	248 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	141.6 kW	2200 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		44.26 l/h	267 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	161.2 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		46.95 l/h	248 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	883.8 Nm	1450 min ⁻¹	43.8 %
---	----------	------------------------	--------

Drawbar Test

<i>Front tyres, Rear tyres</i>	16.9 R 30	520/85 R 42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	7925 kg	10775 kg
<i>Maximum drawbar pull</i>	68.9 kN	106.8 kN
<i>at speed of</i>	1.38 km/h	1.44 km/h
<i>Maximum power</i>	143.4 kW	146.5 kW
<i>at speed of</i>	9.99 km/h	12.51 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>	Closed centre		
-------------------------	---------------	--	--

At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	96.8 l/min	13.8 MPa	22.3 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	99.9 l/min	15.6 MPa	26.0 kW

Maximum lifting force

<i>at the hitch points, at frame</i>	66.8 kN	64.7 kN
--------------------------------------	---------	---------

