



OECD approval number

2/2 517

OECD approval date

29/10/2009

Make

Massey Ferguson

Model

6495

Type

4 WD

Y31E23GH113A - 40 km/h

Manufacturer:

AGCO S.A.

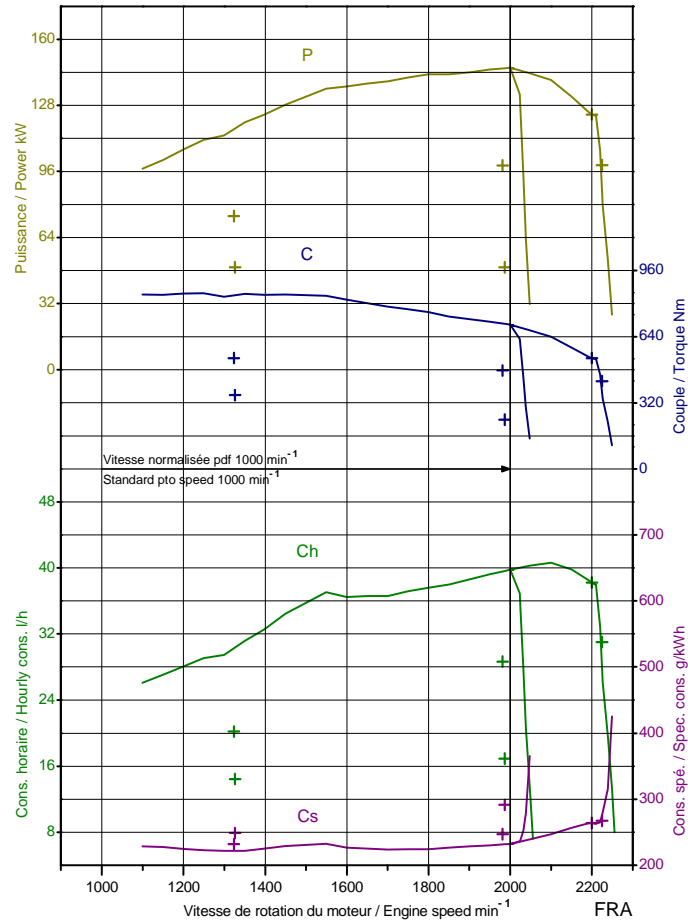
Testing station:

Cemagref, Antony, France

Massey Ferguson 6495

4 RM/WD

OCDE/OECD 2/2517



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu Diesel	66.393 CTA-4V
<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>		24 24
<i>Speed at rated engine speed</i>		from 1.70 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 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 Test

<u>Two hours test at maximum power</u>			
<i>Power, Engine and Power take-off speed</i>	146.4 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		39.84 l/h	232 g/kWh
<u>Test at maximum power at rated engine speed</u>			
<i>Power, Engine and Power take-off speed</i>	123.6 kW	2200 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		38.24 l/h	264 g/kWh
<u>Test at standard Power take-off speed</u>			
<i>Power, Engine and Power take-off speed</i>	146.4 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		39.84 l/h	232 g/kWh
<u>Torque rise</u>			58.5 %
<u>Maximum torque, Engine speed corresponding</u>		850.4 Nm	1250 min ⁻¹

Drawbar Test

<i>Front tyres, Rear tyres</i>	420/90 R 30	480/80 R 46
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	7645 kg	9640 kg
<i>Maximum drawbar pull</i>	70.0 kN	95.4 kN
<i>at speed of</i>	1.48 km/h	1.50 km/h
<i>Maximum power</i>	129.1 kW	129.6 kW
<i>at speed of</i>	10.83 km/h	11.04 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	101.1 l/min	13.3 MPa	22.4 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	137.1 l/min	12.8 MPa	29.3 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		70.8 kN	60.0 kN

