



OECD approval number

2/2 395

OECD approval date

28/01/2008

Make

Massey Ferguson

Model

6490

Type

4 WD

Y30E23GH113A - 40 km/h

Manufacturer

AGCO S.A.

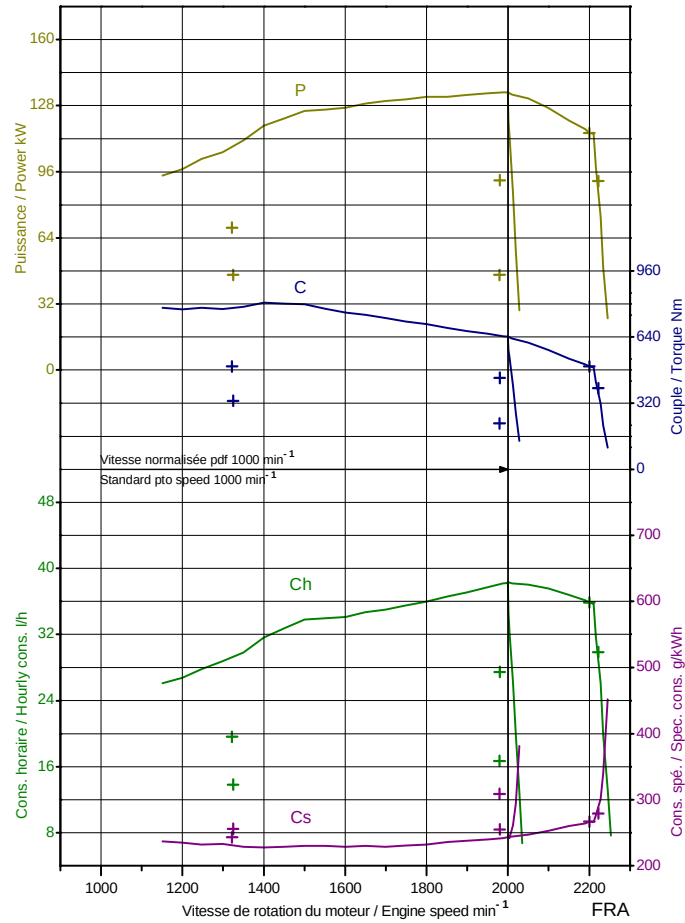
Testing station:

Cemagref, Antony, France

Massey Ferguson 6490

4 RMWD

OCDE/OECD 2/2395



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu Diesel	66.402 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 1.73	to 40.00 km/h
<i>Standard Power take-off speed</i>	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>	134.5 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		38.33 l/h	243 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	114.7 kW	2200 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		35.88 l/h	267 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	134.5 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		38.33 l/h	243 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	807.1 Nm	1400 min ⁻¹	62.0 %
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Drawbar Test

<i>Front tyres, Rear tyres</i>	16.9 R 30	520/85 R 42
<i>Test with tractor</i>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	7395 kg	9365 kg
<i>Maximum drawbar pull</i>	66.1 kN	90.2 kN
<i>at speed of</i>	1.52 km/h	1.51 km/h
<i>Maximum power</i>	120.2 kW	118.6 kW
<i>at speed of</i>	11.10 km/h	9.56 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>	Closed centre		
<i>At maximum hydraulic power</i>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	104.7 l/min	15.0 MPa	26.2 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	100.2 l/min	15.8 MPa	26.4 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>	69.7 kN	66.3 kN	

