



OECD approval number

1 683/2

Restricted Code

OECD approval date

20/10/1997

Make

Massey Ferguson

Model

6160

Type

2 WD

F105215A211A - 32 speeds - 40 km/h

Manufacturer

Agco S.A.

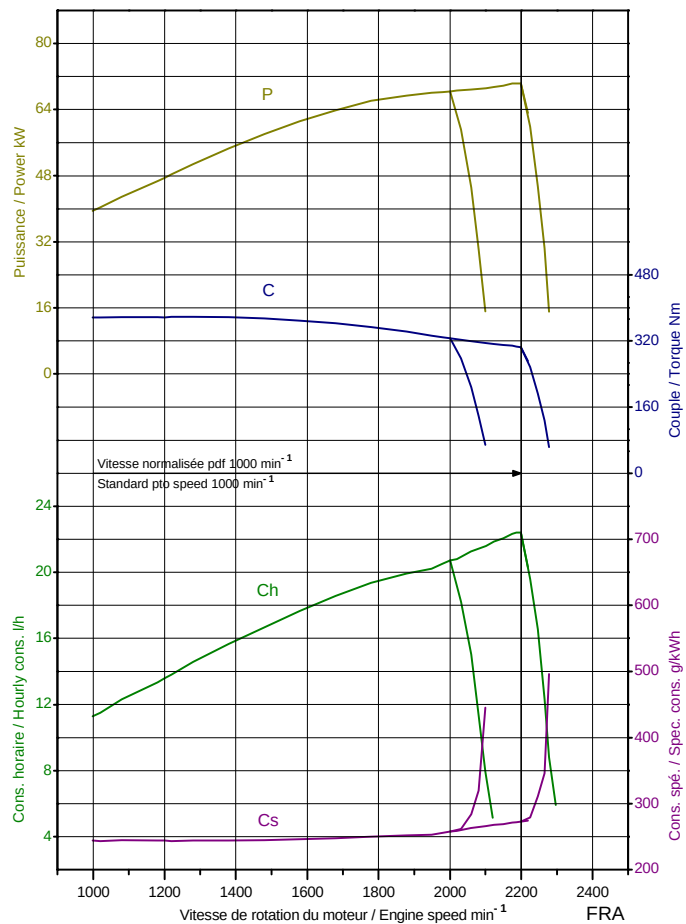
Testing station:

Cemagref, Antony, France

Massey Ferguson 6160

2 RMWD

OCDE/OECD 1683/2



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	YG31308-1933/2200	
<i>Type, Supercharging</i>	Direct injection	None	
<i>Cylinders, Disposition</i>	6	vertical in line	
<i>Capacity, Cooling</i>	5985 cm ³	Liquid	
<i>Gear box</i>		Mechanical synchronized	
<i>Number of forward and reverse speeds</i>		32	32
<i>Speed at rated engine speed</i>		from 2.10	to 38.47 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>		601 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>	70.3 kW	2199 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		22.40 l/h	273 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	70.3 kW	2199 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		22.40 l/h	273 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	68.4 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		20.71 l/h	258 g/kWh

Torque rise

			24.0 %
<u>Maximum torque, Engine speed corresponding</u>		378.6 Nm	1219 min ⁻¹

Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>		11.00 -16	18.4 R 38
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Total Mass

		<u>unballasted</u>	<u>ballasted</u>
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Maximum drawbar pull

		4375 kg	
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at speed of

		40.4 kN	Not
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Maximum power

		1.88 km/h	required
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at speed of

		63.7 kW	in
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at hitch points, at frame

		7.38 km/h	Code 2
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Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Opened centre	
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	53.2 l/min	16.3 MPa	14.5 kW
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Maximum lifting force

		39.9 kN	28.6 kN
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