



OECD approval number

2/1 757

OECD approval date

Restricted Code

15/05/1998

Make

Massey Ferguson

Model

8110

Type

2 WD

H105115A611A - 30 km/h

Manufacturer

Agco S.A.

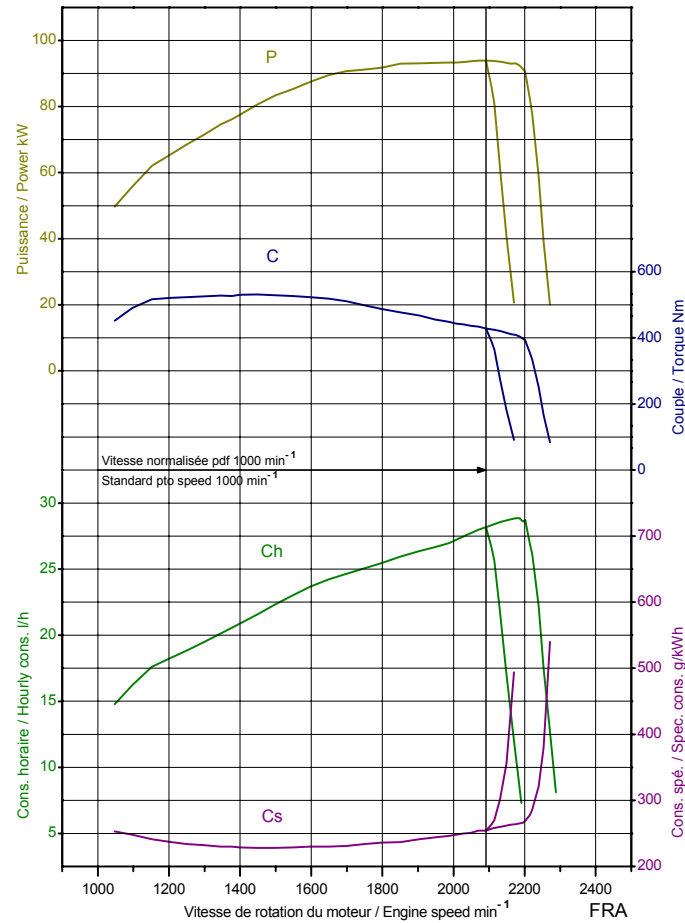
Testing station:

Cemagref, Antony, France

Massey Ferguson 8110

4 RM/WD

OCDE/OECD 2/1757



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1006-60T - 1929/2200	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	6	vertical in line	
<i>Capacity, Cooling</i>	5985 cm ³	Liquid	
<i>Gear box</i>		Mechanical	
<i>Number of forward and reverse speeds</i>		30	30
<i>Speed at rated engine speed</i>		from 2.13	to 30.00 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>		596 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>	93.9 kW	2091 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		28.18 l/h	254 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	90.5 kW	2202 min ⁻¹	1053 min ⁻¹
<i>Hourly and specific consumption</i>		28.72 l/h	269 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	93.9 kW	2091 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		28.18 l/h	254 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		531.4 Nm	1449 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>		11.00 - 16	20.8 R 38
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Total Mass

		<u>unballasted</u>	<u>ballasted</u>
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<i>Maximum drawbar pull</i>		5430 kg	
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<i>at speed of</i>		46.2 kN	Not
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<i>Maximum power</i>		1.86 km/h	required
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<i>at speed of</i>		79.3 kW	in
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		11.30 km/h	Code 2
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Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Opened centre
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<u>At maximum hydraulic power</u>			
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<i>Flow rate, Pressure, Power</i>	111.8 l/min	15.0 MPa	28.0 kW
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<u>Maximum lifting force</u>			
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<i>at hitch points, at frame</i>		54.5 kN	49.2 kN
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