



OECD approval number

2/1 756

OECD approval date

Restricted Code

14/05/1998

Make

Massey Ferguson

Model

8110

Type

4 WD

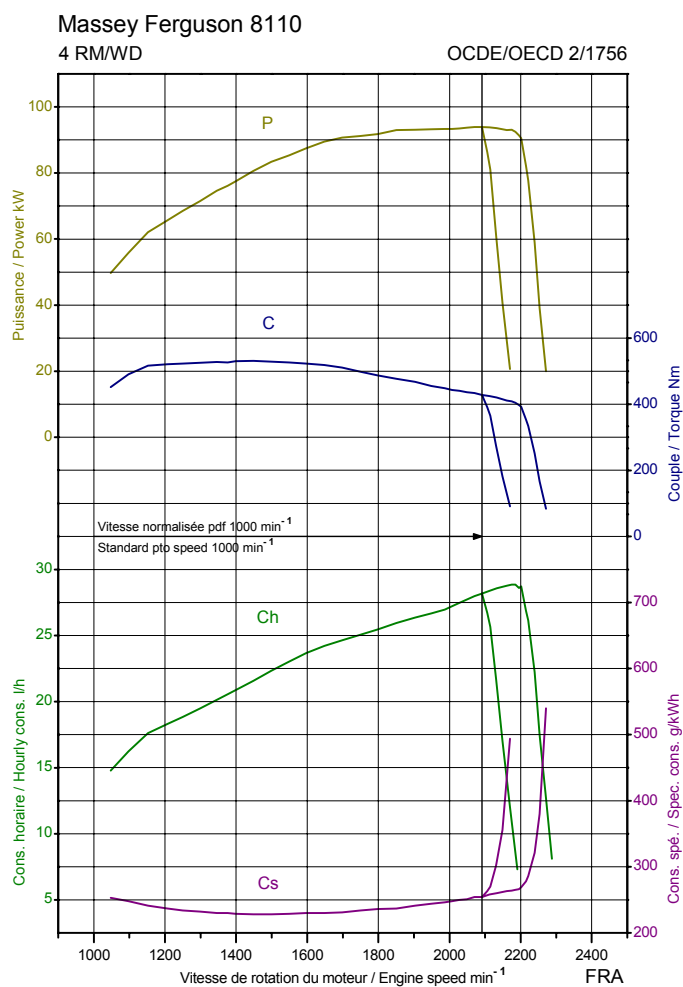
H105125A611A - 30 km/h

Manufacturer

Agco S.A.

Testing station:

Cemagref, Antony, France



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>	<u>540 min⁻¹</u>	<u>1000 min⁻¹</u>
<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>		<u>16.9 R 28</u>	<u>20.8 R 38</u>
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Total Mass

		5980 kg	
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<i>Maximum drawbar pull</i>		55.4 kN	Not
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<i>at speed of</i>		2.33 km/h	required
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<i>Maximum power</i>		82.6 kW	in
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<i>at speed of</i>		11.20 km/h	Code 2
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Hydraulic Performance and Power Lift Test*Hydraulic system*

			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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