



OECD approval number

2/1 756

OECD approval date

Restricted Code

14/05/1998

Make

Massey Ferguson

Model

8110

Type

4 WD

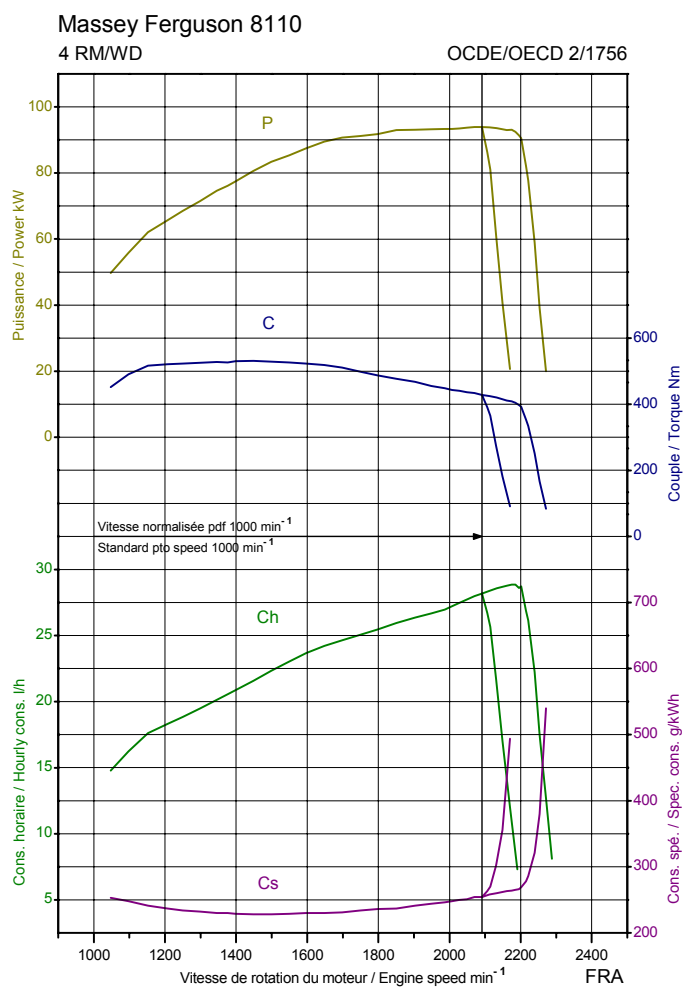
H105225A611A - 40 km/h

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>		32	32
<i>Speed at rated engine speed</i>		from 2.13	to 39.44 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

		35.4 %	
--	--	--------	--

Maximum torque, Engine speed corresponding

		531.4 Nm	1449 min ⁻¹
--	--	----------	------------------------

Drawbar Test*Front tyres, Rear tyres*

	16.9 R 28	20.8 R 38
--	-----------	-----------

Test with tractor

	<u>unballasted</u>	<u>ballasted</u>
--	--------------------	------------------

Total Mass

	5980 kg	
--	---------	--

Maximum drawbar pull

	55.4 kN	Not
--	---------	-----

at speed of

	2.33 km/h	required
--	-----------	----------

Maximum power

	82.6 kW	in
--	---------	----

at speed of

	11.20 km/h	Code 2
--	------------	--------

Hydraulic Performance and Power Lift Test*Hydraulic system*

			Opened centre
--	--	--	---------------

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	111.8 l/min	15.0 MPa	28.0 kW
-----------------------------------	-------------	----------	---------

Maximum lifting force

<i>at hitch points, at frame</i>		54.5 kN	49.2 kN
----------------------------------	--	---------	---------

