



OECD approval number

2/1 852

OECD approval date

Restricted Code

20/10/1999

Make

Massey Ferguson

Model

6255

Type

4 WD

D175225M112A

Manufacturer

Agco S.A.

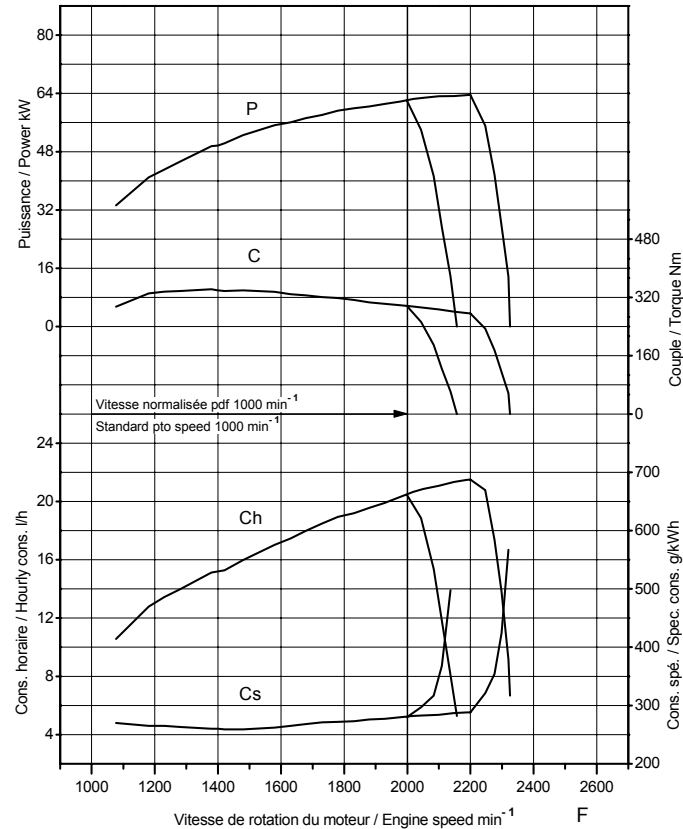
Testing station:

Cemagref, Antony, France

Massey Ferguson 6255

4 RM/WD

OCDE/OECD 2/1852



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1004-40T (AK31354)
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3990 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 2.03 to 37.29 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>		601 min ⁻¹ 1100 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 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>	63.6 kW	2200 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		21.5 l/h	288 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	63.6 kW	2200 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		21.5 l/h	288 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	62.1 kW	1997 min ⁻¹	999 min ⁻¹
<i>Hourly and specific consumption</i>		20.46 l/h	281 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		342.7 Nm	1379 min ⁻¹
---	--	----------	------------------------

Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>		<u>unballasted</u>	<u>ballasted</u>
--------------------------	--	--------------------	------------------

Total Mass

		4455 kg	
--	--	---------	--

Maximum drawbar pull

		40.3 kN	Not
--	--	---------	-----

at speed of

		4.05 km/h	required
--	--	-----------	----------

Maximum power

		55.3 kW	in
--	--	---------	----

at speed of

		9.47 km/h	Code 2
--	--	-----------	--------

Hydraulic Performance and Power Lift Test*Hydraulic system*

			Closed centre
--	--	--	---------------

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	94.5 l/min	15.9 MPa	25.0 kW
-----------------------------------	------------	----------	---------

Maximum lifting force

<i>at hitch points, at frame</i>		36.3 kN	29.6 kN
----------------------------------	--	---------	---------

