



OECD approval number

2/1 865

OECD approval date

Restricted Code

28/10/1999

Make

Massey Ferguson

Model

6255

Type

2 WD

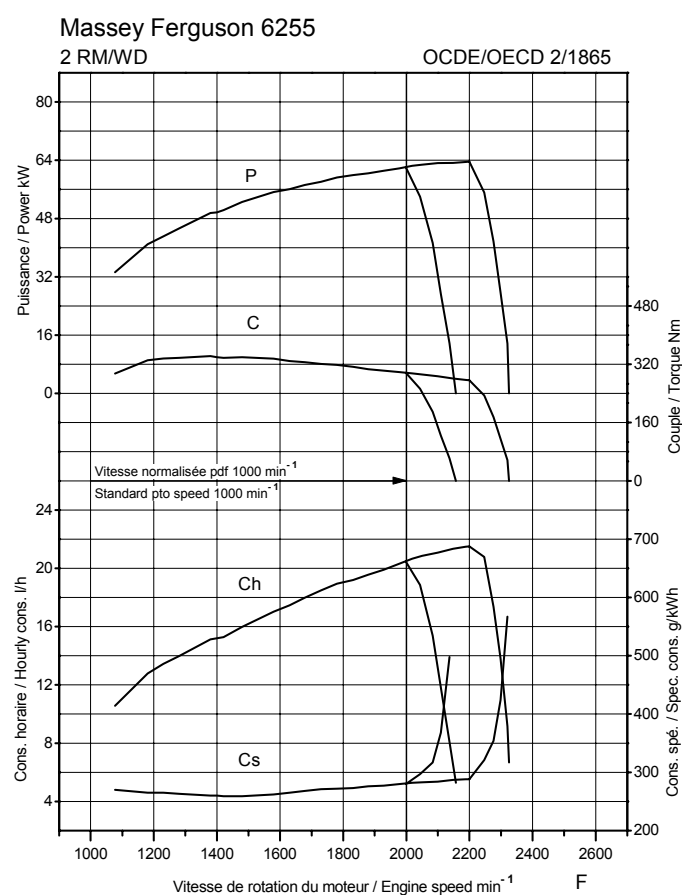
D175215M112A

Manufacturer

Agco S.A.

Testing station:

Cemagref, Antony, France



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1004-40T (AK31454)
<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
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	10.00 - 16	16.9 R 38
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Total Mass

	<u>unballasted</u>	<u>ballasted</u>
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<i>Maximum drawbar pull</i>	4195 kg	
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<i>at speed of</i>	34.3 kN	Not
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<i>Maximum power</i>	1.85 km/h	required
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<i>at speed of</i>	55.5 kW	in
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	9.18 km/h	Code 2
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Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Closed centre
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<u>At maximum hydraulic power</u>		
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<i>Flow rate, Pressure, Power</i>	94.5 l/min	15.9 MPa	25.0 kW
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<u>Maximum lifting force</u>		
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<i>at hitch points, at frame</i>	36.3 kN	29.6 kN
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