



OECD approval number

1 722

OECD approval date

Restricted Code

19/12/1997

Make

Massey Ferguson

Model

4215

Type

4 WD

Manufacturer

8 speeds - 30 km/h

Testing station:

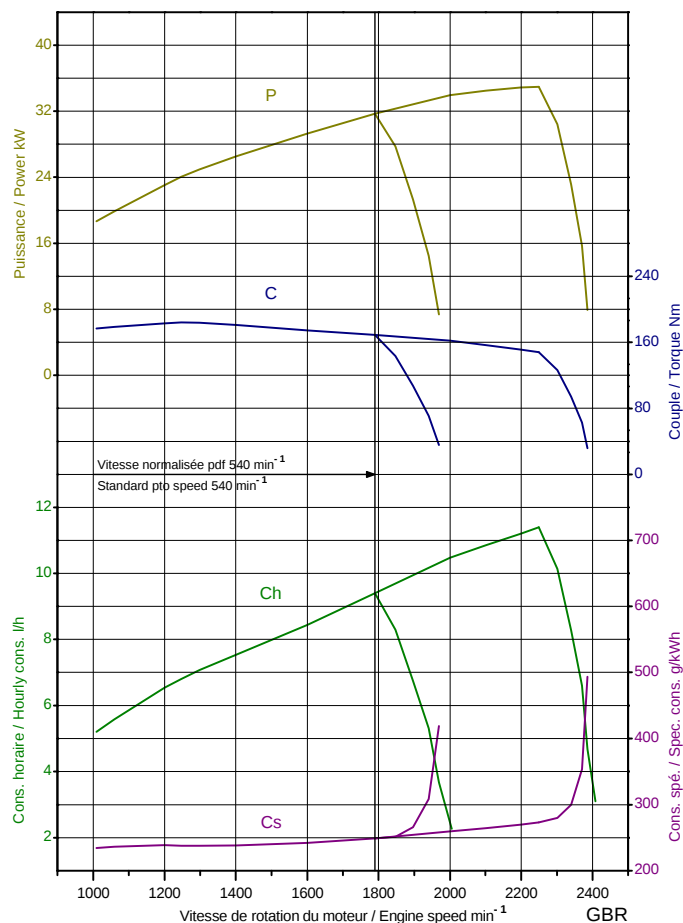
Agco S.A.

SRI, Silsoe, United Kingdom

Massey Ferguson 4215

4 RMWD

OCDE/OECD 1722



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	903.27
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	2700 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>		8 8
<i>Speed at rated engine speed</i>		from 2.53 to 31.99 km/h
<i>Standard Power take-off speed</i>		<u>540 min⁻¹</u> <u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>		679 min ⁻¹ None
<i>Diameter of the shaft</i>		34.9 mm
<i>Number of splines</i>		6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	35.0 kW	2250 min ⁻¹	679 min ⁻¹
<i>Hourly and specific consumption</i>		11.40 l/h	273 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	35.0 kW	2250 min ⁻¹	679 min ⁻¹
<i>Hourly and specific consumption</i>		11.40 l/h	273 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	31.7 kW	1790 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		9.40 l/h	249 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		184.1 Nm	24.1 % 1247 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<i>Test with tractor</i>	11.2 R 24	16.9 R 30
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Total Mass

	<u>unballasted</u>	<u>ballasted</u>
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*Maximum drawbar pull**at speed of**Maximum power**at speed of*

	3086 kg	
	30.5 kN	Not
	2.24 km/h	required
	27.9 kW	in
	5.28 km/h	Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system**At maximum hydraulic power**Flow rate, Pressure, Power**Maximum lifting force**at hitch points, at frame*

	17.7 l/min	20.4 MPa	6.0 kW
		16.3 kN	13.7 kN

