



OECD approval number

2/1 802

Restricted Code

OECD approval date

16/12/1998

Make

Massey Ferguson

Model

4245

Type

4 WD

ABCD24ABXA - Emissions Compliant Engine

12 speeds - 40 km/h

Manufacturer

Agco Limited

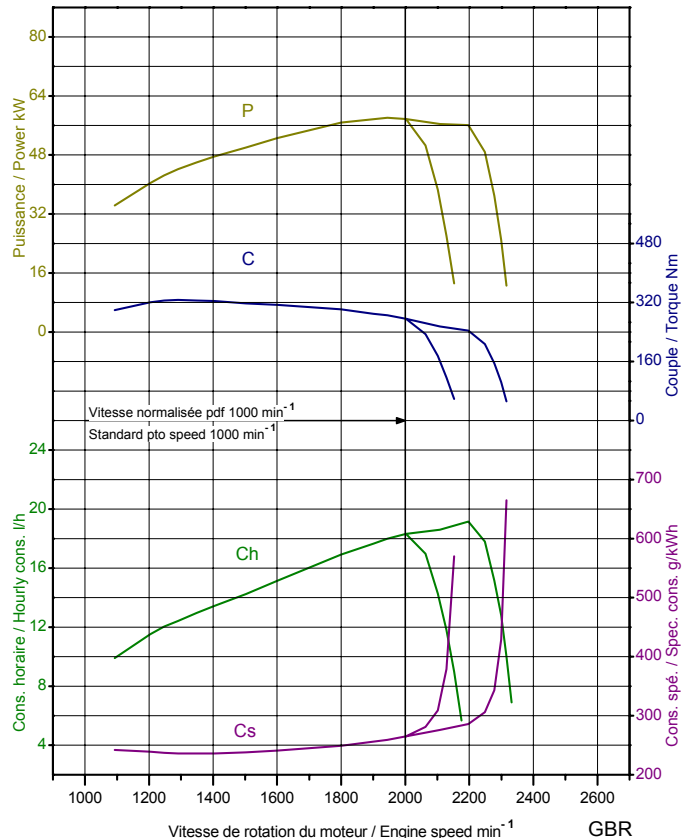
Testing station:

SRI, Silsoe, United Kingdom

Massey Ferguson 4245

4 RM/WD

OCDE/OECD 2/1802



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1004-40T
<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>	12	12
<i>Speed at rated engine speed</i>	from 2.21	to 37.86 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>	625 min ⁻¹	1100 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>	58.1 kW	1944 min ⁻¹	972 min ⁻¹
<i>Hourly and specific consumption</i>		18.00 l/h	259 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	56.1 kW	2197 min ⁻¹	1098 min ⁻¹
<i>Hourly and specific consumption</i>		19.17 l/h	286 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	57.8 kW	2002 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		18.32 l/h	265 g/kWh

Torque rise

		34.2 %
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Maximum torque, Engine speed corresponding

327.1 Nm	1290 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

14.9 R 24	18.4 R 34
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Test with tractor

<u>unballasted</u>	<u>ballasted</u>
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Total Mass

3730 kg

Maximum drawbar pull

39.8 kN

at speed of

2.00 km/h	<i>Not required</i>
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Maximum power

49.2 kW

at speed of

6.96 km/h	<i>in Code 2</i>
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Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	26.3 l/min	20.0 MPa	8.8 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		27.9 kN	25.0 kN
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