



OECD approval number

2/1 922

Restricted Code

OECD approval date

07/09/00

Make

Massey Ferguson

Model

275

Type

4 WD

8 forward speeds - 40 km/h

Manufacturer

Agco Limited

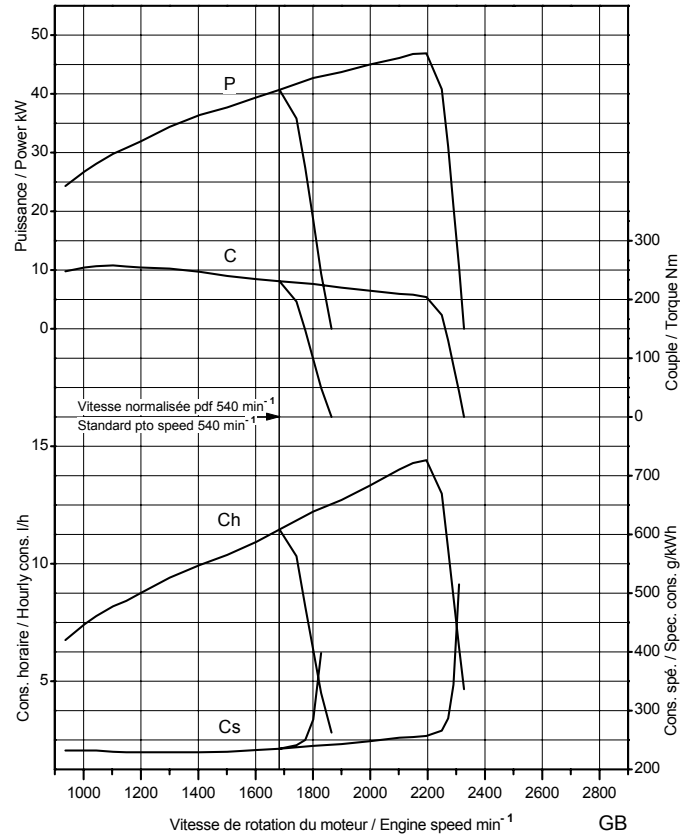
Testing station:

SRI, Silsoe, United Kingdom

### Massey Ferguson 275

4 RM/WD

OCDE/OECD 2/1922



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	Perkins	4.41
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4070 cm <sup>3</sup>	By water
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	8	2
<i>Speed at rated engine speed</i>	from 3.04	to 33.38 km/h
<u>Standard Power take-off speed</u>	<u>540 min<sup>-1</sup></u>	<u>1000 min<sup>-1</sup></u>
<i>Power take-off speed at rated engine speed</i>	706 min <sup>-1</sup>	None
<i>Diameter of the shaft</i>	34.9 mm	
<i>Number of splines</i>	6	

**Power take-off Test**Two hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	46.9 kW	2196 min <sup>-1</sup>	704 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		14.41 l/h	257 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	46.9 kW	2196 min <sup>-1</sup>	704 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		14.41 l/h	257 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	40.7 kW	1684 min <sup>-1</sup>	540 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		11.46 l/h	235 g/kWh

Torque rise

26.5 %

Maximum torque, Engine speed corresponding257.9 Nm 1103 min<sup>-1</sup>**Drawbar Test***Front tyres, Rear tyres*

14.9 - 24 18.4 - 34

Test with tractorunballasted ballasted*Total Mass*

2985 kg

*Maximum drawbar pull*

30.7 kN

*at speed of*2.71 km/h *Not required**Maximum power*

39.4 kW

*at speed of*7.97 km/h *in Code 2***Power Lift and Hydraulic Performance Test***Hydraulic system*

Closed centre

*Maximum lifting force at hitch points, at frame*

21.2 kN 17.3 kN

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	18.3 l/min	19.5 MPa	5.9 kW
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