



OECD approval number

2/1 923

OECD approval date

Restricted Code

07/09/00

Make

Massey Ferguson

Model

375E

Type

4 WD

8 forward speeds - 40 km/h

Manufacturer

Agco Limited

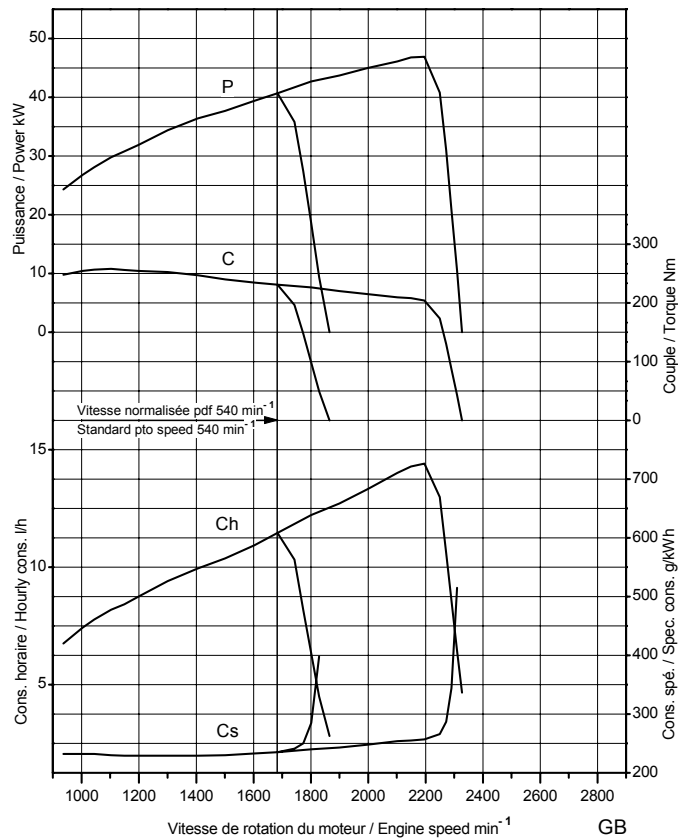
Testing station:

SRI, Silsoe, United Kingdom

Massey Ferguson 375E

4 RM/WD

OCDE/OECD 2/1923



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 ³	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⁻¹</u>	<u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>	706 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>	46.9 kW	2196 min ⁻¹	704 min ⁻¹
<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 ⁻¹	704 min ⁻¹
<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 ⁻¹	540 min ⁻¹
<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⁻¹**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

Not

at speed of

2.71 km/h

required

Maximum power

39.4 kW

in

at speed of

7.97 km/h

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*Flow rate, Pressure, Power*

18.3 l/min

19.5 MPa

5.9 kW