



OECD approval number

1 706

OECD approval date

Restricted Code

19/11/1997

Make

Massey Ferguson

Model

4270

Type

4 WD

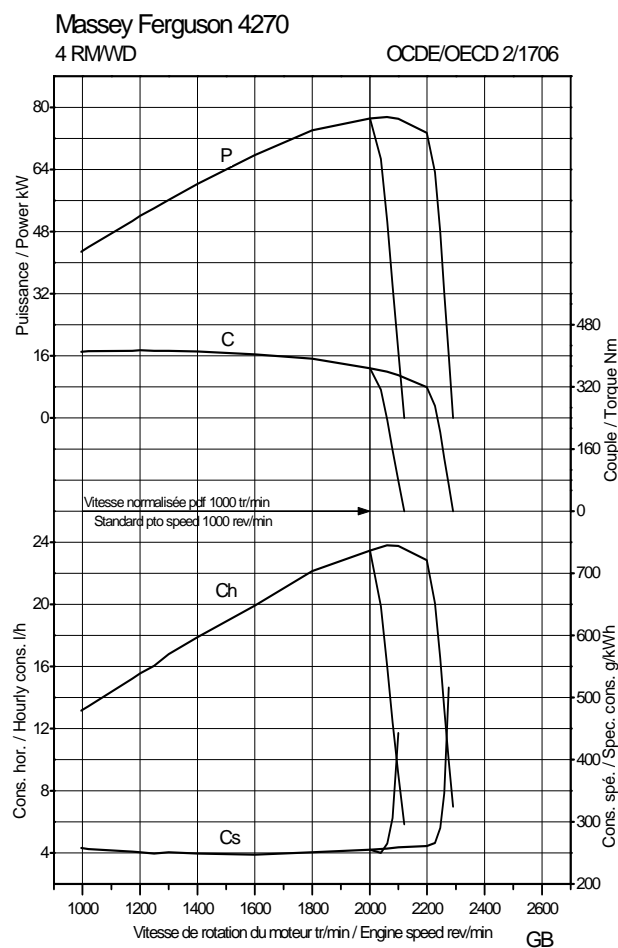
BCBD14AAXA - 12 speeds - 30 km/h

Manufacturer

Agco Limited

Testing station:

SRI, Silsoe, United Kingdom



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1006-6
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	5985 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>	12	12
<i>Speed at rated engine speed</i>	from 1.84	to 31.52 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>	77.6 kW	2060 min ⁻¹	1030 min ⁻¹
<i>Hourly and specific consumption</i>		23.80 l/h	257 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	73.5 kW	2199 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		22.84 l/h	261 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	77.1 kW	2001 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		23.46 l/h	255 g/kWh

Torque rise

29.8 %

Maximum torque, Engine speed corresponding414.3 Nm 1201 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

420/70 R 24 18.4 R 38

Test with tractorunballasted ballasted*Total Mass*

4118 kg

Maximum drawbar pull

41.8 kN

Not

at speed of

1.66 km/h

required

Maximum power

66.5 kW

in

at speed of

8.11 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power*Flow rate, Pressure, Power*

25.5 l/min

20.5 MPa

8.7 kW

Maximum lifting force*at hitch points, at frame*

36.4 kN

32.2 kN

