



OECD approval number

1 705

Restricted Code

OECD approval date

18/11/1997

Make

Massey Ferguson

Model

4225

Type

4 WD

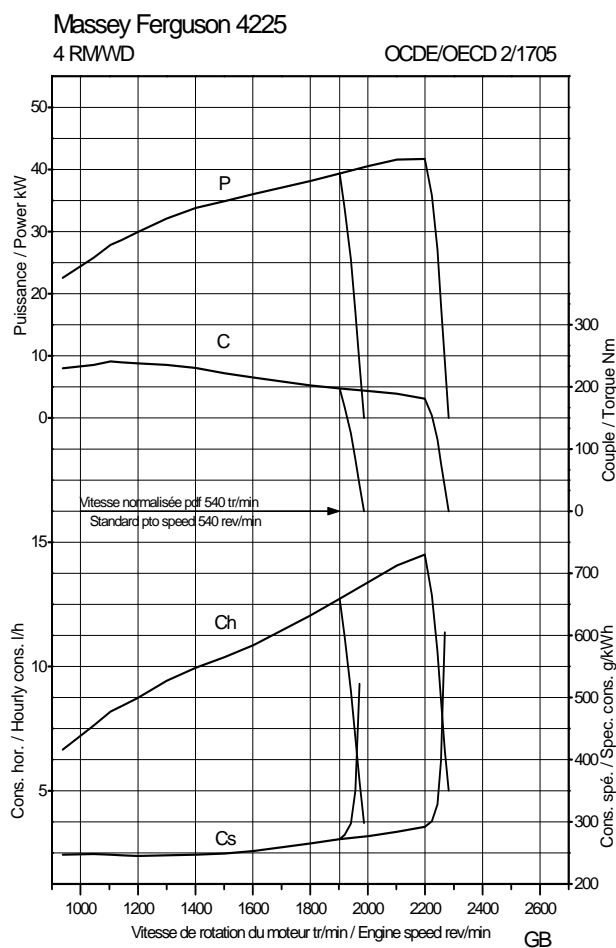
DBAD14BCXA - 12 speeds - 30 km/h

Manufacturer

Agco Limited

Testing station:

SRI, Silsoe, United Kingdom



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

<i>Make, Model</i>	Perkins	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>	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 1.69 to 28.86 km/h	
<u>Standard Power take-off speed</u>	540 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Power take-off speed at rated engine speed</i>	625 min <sup>-1</sup>	1100 min <sup>-1</sup>
<i>Diameter of the shaft</i>	34.9 mm	34.9 mm
<i>Number of splines</i>	6	21

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

<i>Power, Engine and Power take-off speed</i>	41.7 kW	2200 min <sup>-1</sup>	624 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		14.50 l/h	292 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	41.7 kW	2200 min <sup>-1</sup>	624 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		14.50 l/h	292 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	39.3 kW	1902 min <sup>-1</sup>	540 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		12.73 l/h	272 g/kWh

Torque rise

33.2 %

Maximum torque, Engine speed corresponding241.1 Nm 1104 min<sup>-1</sup>**Drawbar Test***Front tyres, Rear tyres*

360/70 R 24 18.4 R 30

Test with tractorunballasted ballasted*Total Mass*

3460 kg

*Maximum drawbar pull*

36.2 kN

Not

*at speed of*

1.49 km/h

required

*Maximum power*

36.2 kW

in

*at speed of*

8.03 km/h

Code 2

**Hydraulic Performance and Power Lift Test***Hydraulic system*

Opened centre

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

25.2 l/min

20.0 MPa

8.4 kW

Maximum lifting force*at hitch points, at frame*

19.3 kN

16.3 kN

