



OECD approval number

2/1 845

OECD approval date

Restricted Code

07/09/1999

Make

Massey Ferguson

Model

8220

Type

2 WD

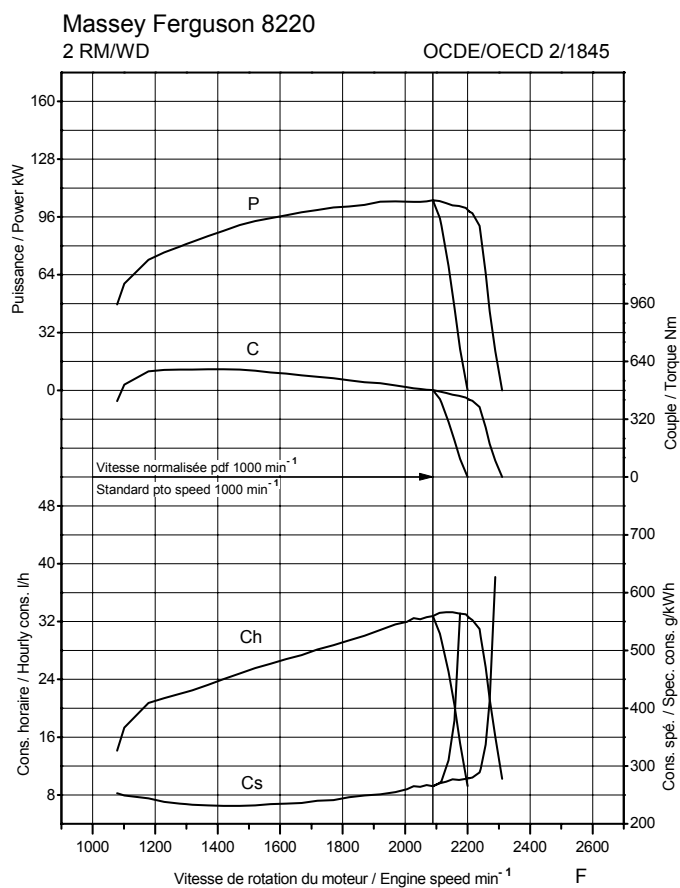
H176215B421A

Manufacturer

Agco S.A.

Testing station:

Cemagref, Antony, France



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1006-60TW (YK 31431)
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	5985 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	18	9
<i>Speed at rated engine speed</i>	from 2.41	to 40.03 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>	596 min ⁻¹	1052 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 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>	105.3 kW	2089 min ⁻¹	999 min ⁻¹
<i>Hourly and specific consumption</i>		32.78 l/h	265 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	101.0 kW	2194 min ⁻¹	1049 min ⁻¹
<i>Hourly and specific consumption</i>		33.00 l/h	278 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	105.3 kW	2089 min ⁻¹	999 min ⁻¹
<i>Hourly and specific consumption</i>		32.78 l/h	265 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	596.8 Nm	1369 min ⁻¹	24.0 %
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Drawbar Test*Front tyres, Rear tyres*Test with tractor*Total Mass**Maximum drawbar pull**at speed of**Maximum power**at speed of*

14 L - 16.1	20.8 R 42
<u>unballasted</u>	<u>ballasted</u>
6695 kg	
55.1 kN	Not
2.81 km/h	required
97.4 kW	in
10.35 km/h	Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power*Maximum lifting force*at hitch points, at frame*

105.2 l/min	15.2 MPa	26.7 kW
	64.1 kN	67.4 kN

