



OECD approval number

2/2 274

OECD approval date

Restricted Code

28/09/2005

Make

Massey Ferguson

Model

5435

Type

4 WD

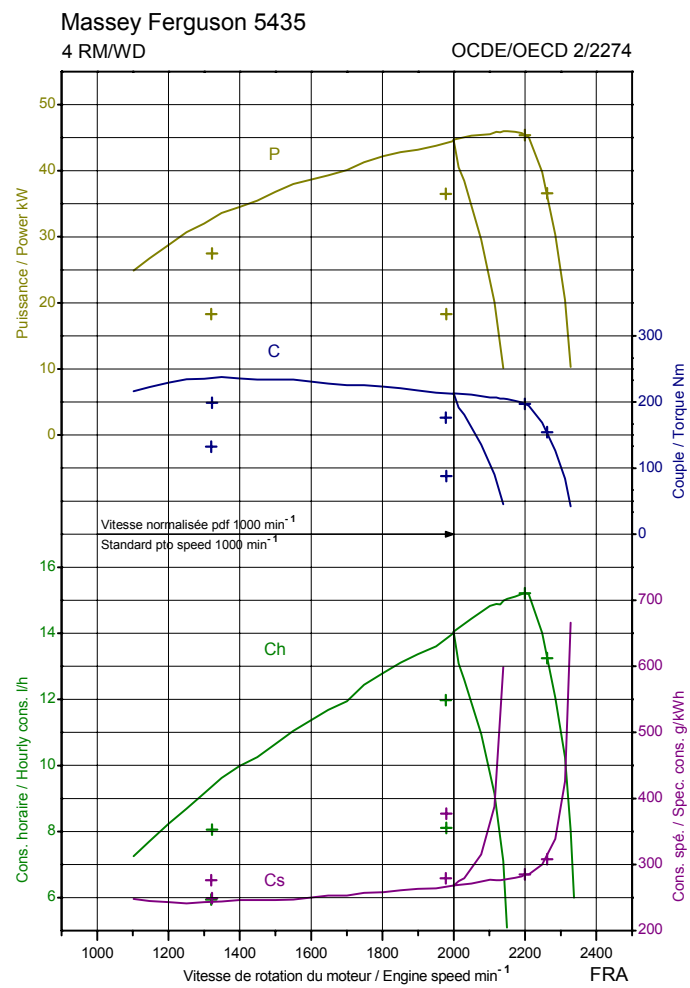
D22222AT132A - 40 km/h

Manufacturer

AGCO S.A.

Testing station:

Cemagref, Antony, France



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1104C-44 (2151/2200)	
<i>Type, Supercharging</i>	Direct injection	None	
<i>Cylinders, Disposition</i>	4	vertical in line	
<i>Capacity, Cooling</i>	4400 cm ³	Liquid	
<i>Gear box</i>		Mechanical	
<i>Number of forward and reverse speeds</i>		16	16
<i>Speed at rated engine speed</i>		from 2.55	to 39.15 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>		601 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>	46.0 kW	2150 min ⁻¹	1075 min ⁻¹
<i>Hourly and specific consumption</i>		15.04 l/h	278 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	45.5 kW	2199 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		15.21 l/h	285 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	44.5 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		14.01 l/h	268 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		237.8 Nm	1349 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>		<u>14.9 R 24</u>	<u>18.4 R 34</u>
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Total Mass

<i>Maximum drawbar pull</i>		4235 kg	
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at speed of

<i>Maximum power</i>		37.8 kN	<i>Not</i>
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at speed of

		2.33 km/h	<i>required</i>
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Hydraulic Performance and Power Lift Test*Hydraulic system*At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	55.2 l/min	15.4 MPa	14.2 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		43.2 kN	32.4 kN
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