



OECD approval number

2/1 969

OECD approval date

Restricted Code

05/10/2001

Make

Renault

Model

Ceres 335

Type

4 WD

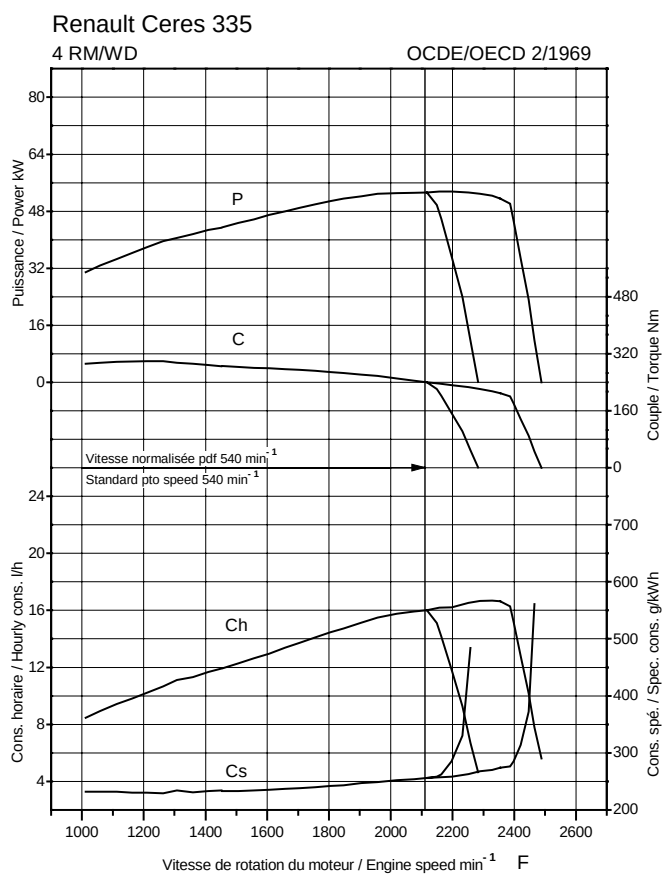
Manufacturer

M1022GB - 30 km/h

Testing station:

Renault Agriculture

Cemagref, Antony, France



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	4045 DRT 51
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4525 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>		18 18
<i>Speed at rated engine speed</i>		from 1.83 to 29.54 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 1110 min ⁻¹
<i>Diameter of the shaft</i>		34.9 mm 34.9 mm
<i>Number of splines</i>		6 6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	53.5 kW	2198 min ⁻¹	562 min ⁻¹
<i>Hourly and specific consumption</i>		16.23 l/h	258 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	51.6 kW	2354 min ⁻¹	602 min ⁻¹
<i>Hourly and specific consumption</i>		16.65 l/h	274 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	53.3 kW	2117 min ⁻¹	541 min ⁻¹
<i>Hourly and specific consumption</i>		16.02 l/h	256 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		299.2 Nm	43.0 % 1263 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>		<u>unballasted</u>	<u>ballasted</u>
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Total Mass

		3760 kg	
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Maximum drawbar pull

		34.4 kN	Not
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at speed of

		2.86 km/h	required
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Maximum power

		45.4 kW	in
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at speed of

		8.11 km/h	Code 2
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Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>			Opened centre
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<i>Maximum lifting force at hitch points, at frame</i>		25.4 kN	19.9 kN
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	49.1 l/min	15.0 MPa	12.3 kW
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