



OECD approval number

2/1 976

OECD approval date

Restricted Code

27/03/2002

Make

Renault

Model

Ceres 355

Type

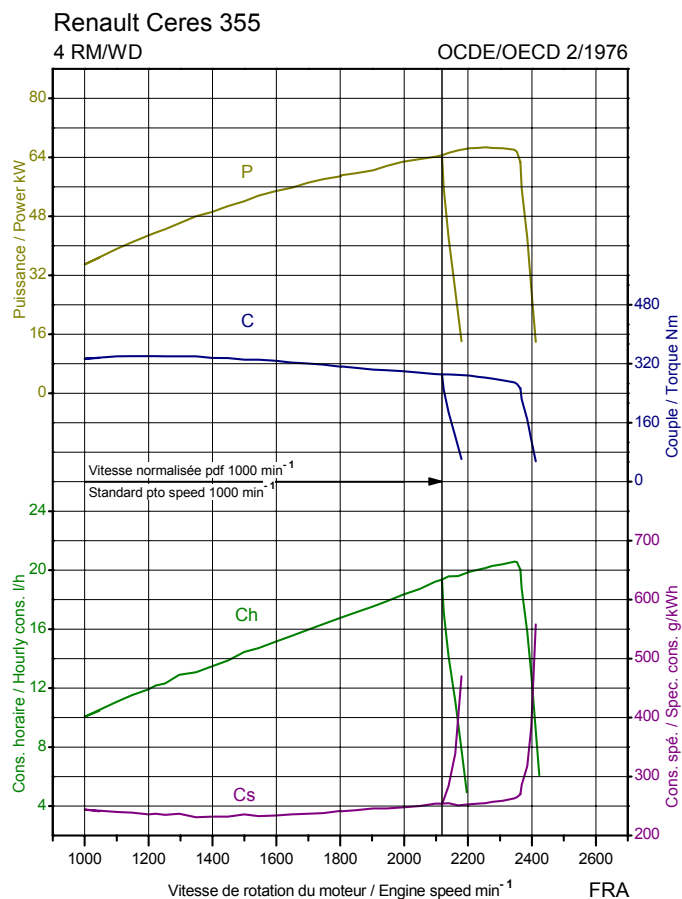
4 WD

Manufacturer

M1042AA - 40 km/h

Testing station:

Renault Agriculture
Cemagref, Antony, France



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	4045 TRT 51
<i>Type, Supercharging</i>	Direct injection	Yes
<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>		20 20
<i>Speed at rated engine speed</i>		from 1.83 to 38.78 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>	66.7 kW	2254 min ⁻¹	1064 min ⁻¹
<i>Hourly and specific consumption</i>		20.15 l/h	255 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	66.1 kW	2345 min ⁻¹	1107 min ⁻¹
<i>Hourly and specific consumption</i>		20.58 l/h	263 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	64.6 kW	2118 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		19.37 l/h	254 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		340.8 Nm	1222 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>		<u>13.6 R 24</u>	<u>16.9 R 34</u>
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Total Mass

		3725 kg	
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<i>Maximum drawbar pull</i>		34.8 kN	Not
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<i>at speed of</i>		3.30 km/h	required
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<i>Maximum power</i>		57.4 kW	in
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<i>at speed of</i>		8.80 km/h	Code 2
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Power Lift and Hydraulic Performance Test*Hydraulic system*

			Opened centre
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<i>Maximum lifting force at hitch points, at frame</i>		32.9 kN	26.1 kN
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<u>At maximum hydraulic power</u>			
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<i>Flow rate, Pressure, Power</i>	48.1 l/min	14.9 MPa	11.9 kW
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