



OECD approval number

2/1 971

OECD approval date

Restricted Code

11/10/2001

Make

Renault

Model

Ceres 355 X

Type

4 WD

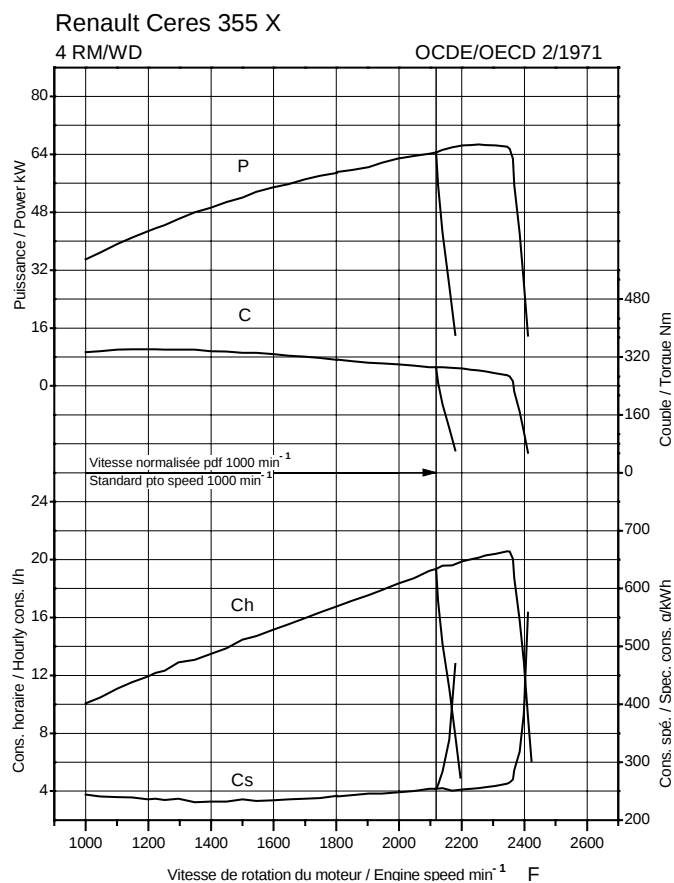
Manufacturer

M1042HA - 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 38.74 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	26.6 %
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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

	3905 kg	
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<i>Maximum drawbar pull</i>	37.5 kN	Not
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<i>at speed of</i>	1.63 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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