



OECD approval number

2/2 123

Restricted Code

OECD approval date

14/05/2004

Make

Renault

Model

Ceres 336

Type

4 WD

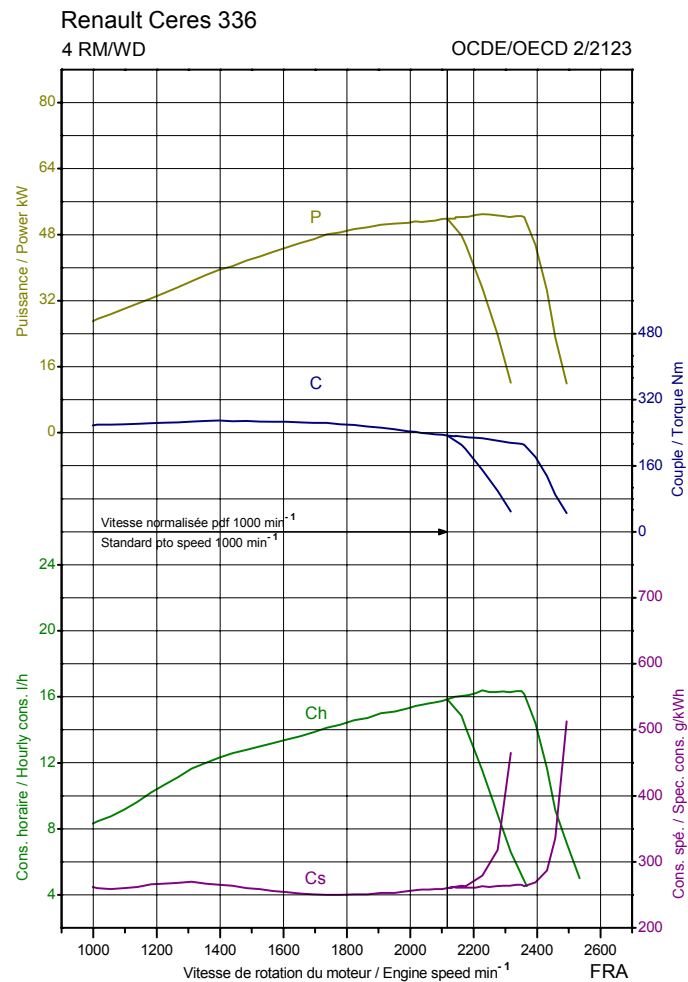
M1342WA - 40 km/h

Manufacturer

International Tractor Ltd

Testing station:

Cemagref, Antony, France



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Iveco	845.05.785
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3908 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	10	10
<i>Speed at rated engine speed</i>	from 1.78	to 37.44 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	416 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>	52.9 kW	2250 min ⁻¹	1062 min ⁻¹
<i>Hourly and specific consumption</i>		16.30 l/h	262 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	52.5 kW	2351 min ⁻¹	1110 min ⁻¹
<i>Hourly and specific consumption</i>		16.34 l/h	265 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	51.9 kW	2117 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		15.86 l/h	260 g/kWh

Torque rise

		26.5 %
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Maximum torque, Engine speed corresponding

	269.8 Nm	1397 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

	12.4 - 24	18.4 R 30
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Test with tractor

	<u>unballasted</u>	<u>ballasted</u>
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Total Mass

	3510 kg	
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Maximum drawbar pull

	32.0 kN	Not
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at speed of

	2.34 km/h	required
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Maximum power

	44.2 kW	in
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at speed of

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

<i>Hydraulic system</i>		Opened centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	47.4 l/min	15.0 MPa	11.9 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		32.5 kN	26.0 kN
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