



OECD approval number

2/2 221

Restricted Code

OECD approval date

23/02/2005

Make

Renault

Model

Ceres 326

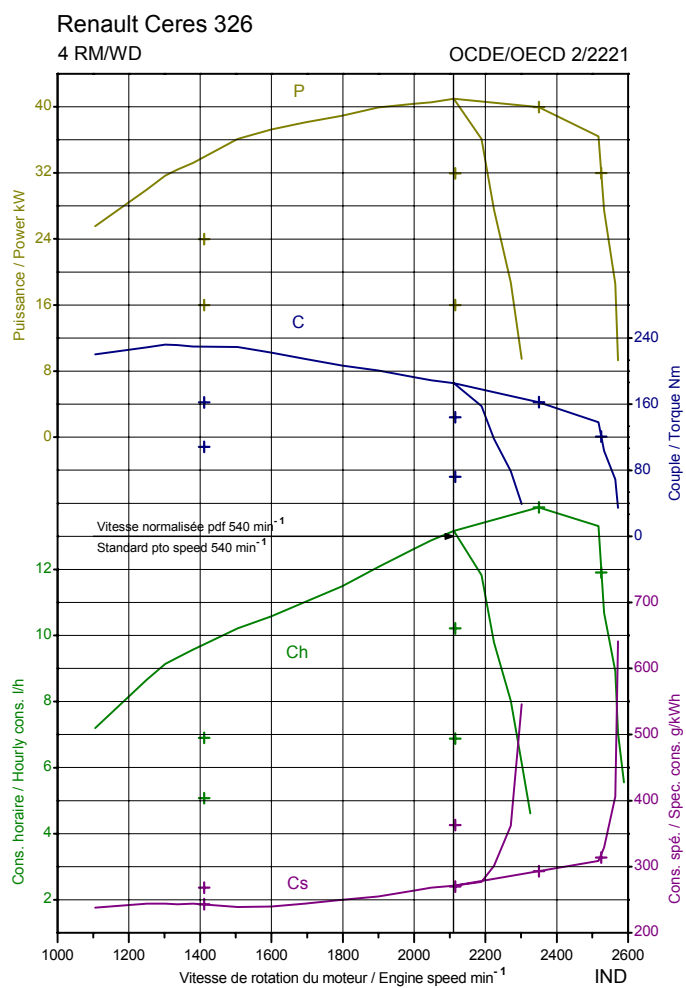
Type

4 WD

M1332 - 40 km/h

Manufacturer M/s International Tractors Ltd., India

Testing station: Central Farm Machinery
Training and Testing Institute, Budni, India



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Iveco	8045.05B.241
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3908 cm ³	By water
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	20	20
<i>Speed at rated engine speed</i>	from 1.73	to 36.15 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	1110 min ⁻¹
<i>Diameter of the shaft</i>	34.97 mm	34.2 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>	41.0 kW	2111 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		13.17 l/h	271 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	40.0 kW	2350 min ⁻¹	601 min ⁻¹
<i>Hourly and specific consumption</i>		13.88 l/h	293 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	41.0 kW	2111 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		13.17 l/h	271 g/kWh

Torque rise

		43.0 %
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<u>Maximum torque, Engine speed corresponding</u>	232.3 Nm	1302 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	11.2 - 24	16.9 - 30
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	3340 kg	
<i>Maximum drawbar pull</i>	28.2 kN	Not
<i>at speed of</i>	2.83 km/h	required
<i>Maximum power</i>	32.2 kW	in
<i>at speed of</i>	7.79 km/h	Code 2

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Opened centre
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	48.1 l/min	17.0 MPa 13.6 kW
<u>Maximum lifting force</u>		
<i>at hitch points, at frame</i>	27.9 kN	27.1 kN