



OECD approval number

2/2 123/1

Restricted Code

13/02/2006

OECD approval date

Make

Claas

Model

Ceres 336

Type

4 WD

M1342WA - 10 speeds - 40 km/h

Manufacturer

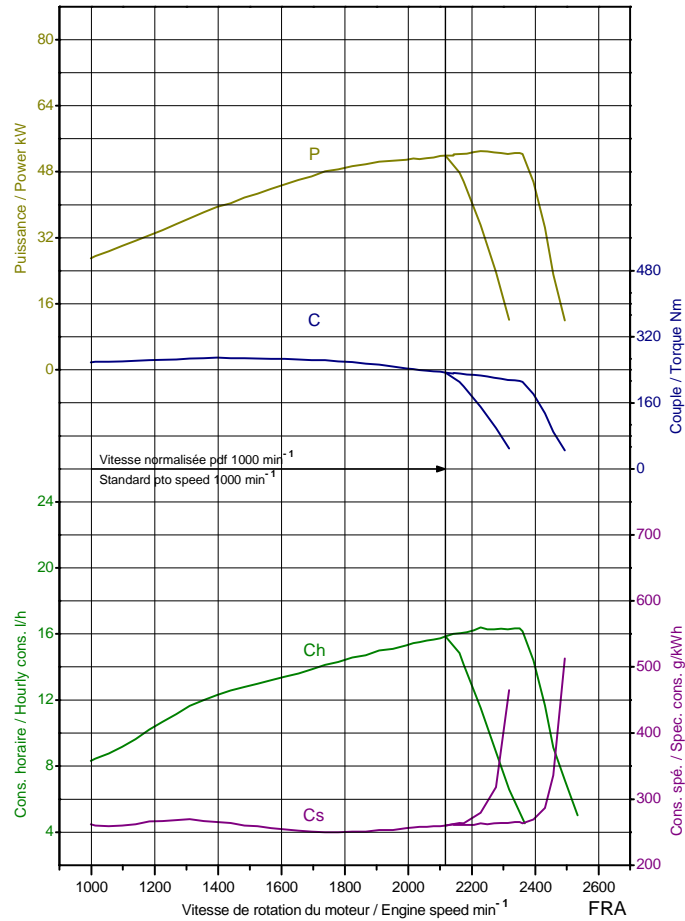
International Tractor Ltd

Testing station:

Cemagref, Antony, France

Claas Ceres 336
4 RMWD

OCDE/OECD 2/2123/1



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 36.90 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 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

<u>Maximum torque, Engine speed corresponding</u>		269.8 Nm	1397 min ⁻¹
---	--	----------	------------------------

Drawbar Test

<i>Front tyres, Rear tyres</i>	12.4 - 24	18.4 R 30
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	3510 kg	
<i>Maximum drawbar pull</i>	32.0 kN	Not
<i>at speed of</i>	2.34 km/h	required
<i>Maximum power</i>	44.2 kW	in
<i>at speed of</i>	12.84 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>	47.4 l/min	15.0 MPa	11.9 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		32.5 kN	26.0 kN

