



OECD approval number

2/2 092/1

Restricted Code

OECD approval date

14/02/2006

Make

Claas

Model

Ceres 346

Type

4 WD

M1352WA - 30 speeds - 40 km/h

Manufacturer

International Tractor Ltd

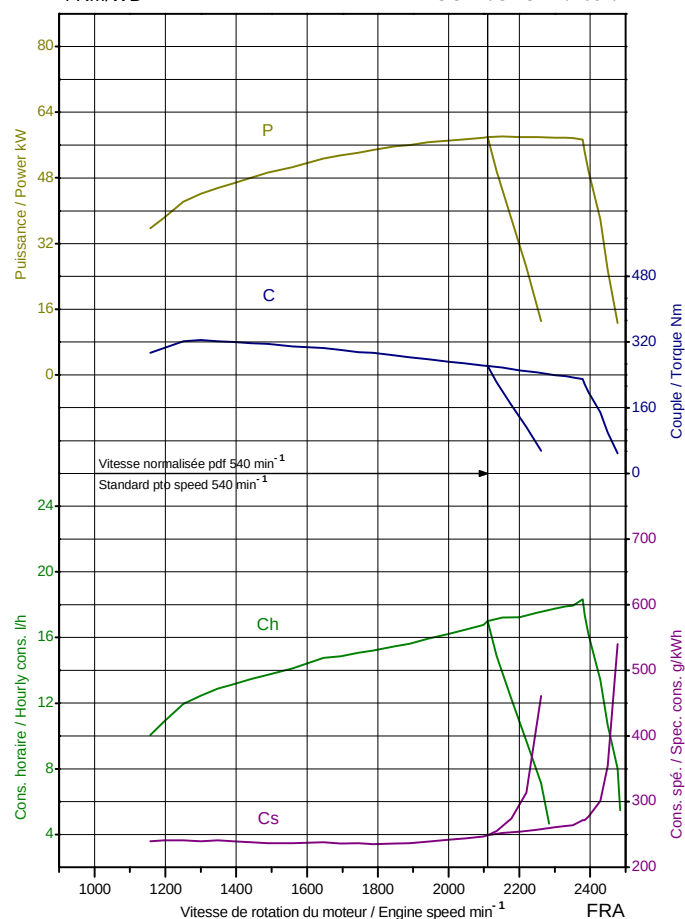
Testing station:

Cemagref, Antony, France

Claas Ceres 346

4 RM/WD

OCDE/OECD 2/2092/1



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Iveco	845.255*231
<i>Type, Supercharging</i>	Direct injection	Yes
<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>	30	30
<i>Speed at rated engine speed</i>	from 0.47	to 38.74 km/h
<u>Standard Power take-off speed</u>	540 min ⁻¹	1000 min ⁻¹
<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>	58.1 kW	2152 min ⁻¹	551 min ⁻¹
<i>Hourly and specific consumption</i>		17.23 l/h	252 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	57.7 kW	2351 min ⁻¹	601 min ⁻¹
<i>Hourly and specific consumption</i>		17.94 l/h	264 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	58.0 kW	2110 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		17.00 l/h	249 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	324.7 Nm	1300 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

440/65 R 24 540/65 R 34

Test with tractorunballasted ballasted*Total Mass*

3610 kg

Maximum drawbar pull

32.7 kN

Not

at speed of

1.63 km/h

required

Maximum power

47.8 kW

in

at speed of

8.53 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power*Flow rate, Pressure, Power*

48.6 l/min

16.2 MPa

13.1 kW

Maximum lifting force*at hitch points, at frame*

33.5 kN

28.8 kN

