



OECD approval number

2/2 060

OECD approval date

Restricted Code

06/05/2003

Make

Renault

Model

Celtis 426

Type

4 WD

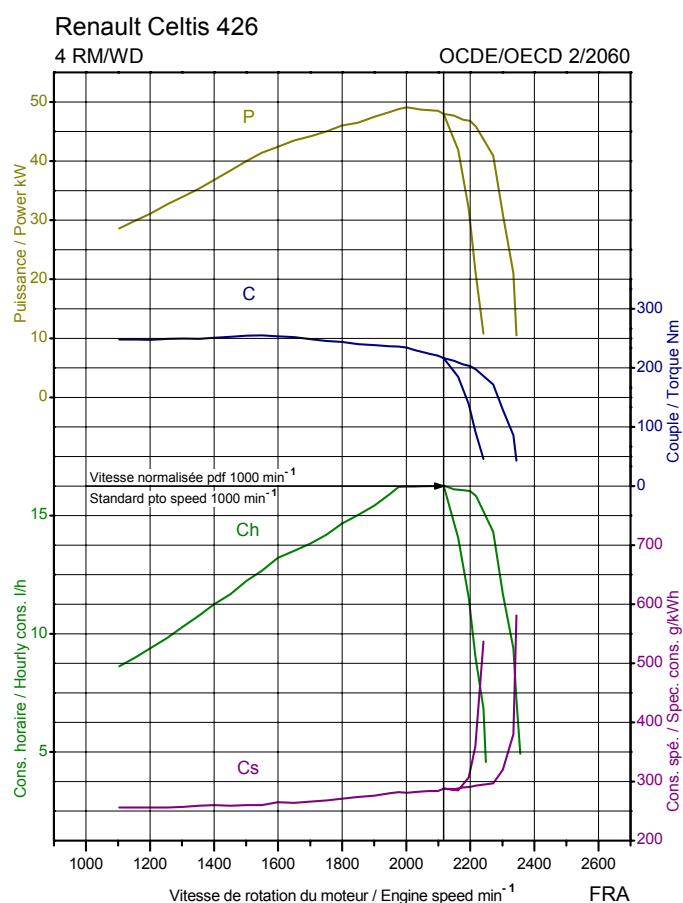
Manufacturer

M3612DA - 40 km/h

Testing station

Renault Agriculture

Cemagref, Antony, France



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	4045DRT70
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4525 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	20	20
<i>Speed at rated engine speed</i>	from 1.71	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>	563 min ⁻¹	1039 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>	49.1 kW	2001 min ⁻¹	945 min ⁻¹
<i>Hourly and specific consumption</i>		16.23 l/h	281 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	46.8 kW	2200 min ⁻¹	1039 min ⁻¹
<i>Hourly and specific consumption</i>		16.04 l/h	291 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	48.0 kW	2117 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		16.27 l/h	288 g/kWh

Torque rise

25.6 %

Maximum torque, Engine speed corresponding255.1 Nm 1549 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

440/65 R 24 540/65 R 34

Test with tractorunballasted ballasted*Total Mass*

3940 kg

Maximum drawbar pull

36.6 kN

Not

at speed of

1.86 km/h

required

Maximum power

41.2 kW

in

at speed of

8.10 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

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

47.3 l/min

15.7 MPa

12.5 kW

Maximum lifting force*at hitch points, at frame*

25.5 kN

19.1 kN

