



OECD approval number

2/2 122

Restricted Code

OECD approval date

21/04/2004

Make

Renault

Model

Ares 696 RZ

Type

4 WD

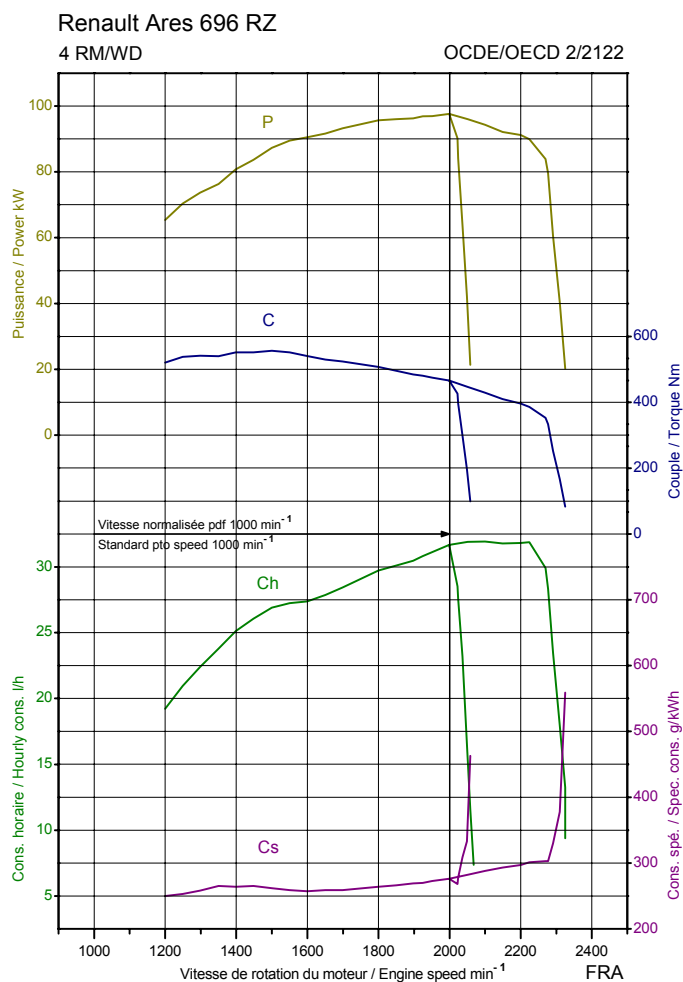
Manufacturer

H8242EA - 40 km/h

Testing station:

CLAAS KGaA mbH

Cemagref, Antony, France



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6068 TRT 72
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6788 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	32	32
<i>Speed at rated engine speed</i>	from 2.21	to 41.11 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	1100 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>	97.6 kW	1999 min ⁻¹	999 min ⁻¹
<i>Hourly and specific consumption</i>		31.68 l/h	276 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	91.2 kW	2200 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		31.83 l/h	297 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	97.6 kW	1999 min ⁻¹	999 min ⁻¹
<i>Hourly and specific consumption</i>		31.68 l/h	276 g/kWh

Torque rise

40.6 %

Maximum torque, Engine speed corresponding556.6 Nm 1500 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

540/65 R 28 650/65 R 38

Test with tractorunballasted ballasted*Total Mass*

6515 kg

Maximum drawbar pull

59.6 kN

*at speed of*2.01 km/h *Not required**Maximum power*

83.9 kW

*at speed of*11.41 km/h *in Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

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

101.1 l/min

13.0 MPa

21.9 kW

Maximum lifting force*at hitch points, at frame*

48.3 kN

39.8 kN

