



OECD approval number

2/1 996

Restricted Code

OECD approval date

03/09/2002

Make

Renault

Model

Atlas 936 RZ

Type

4 WD

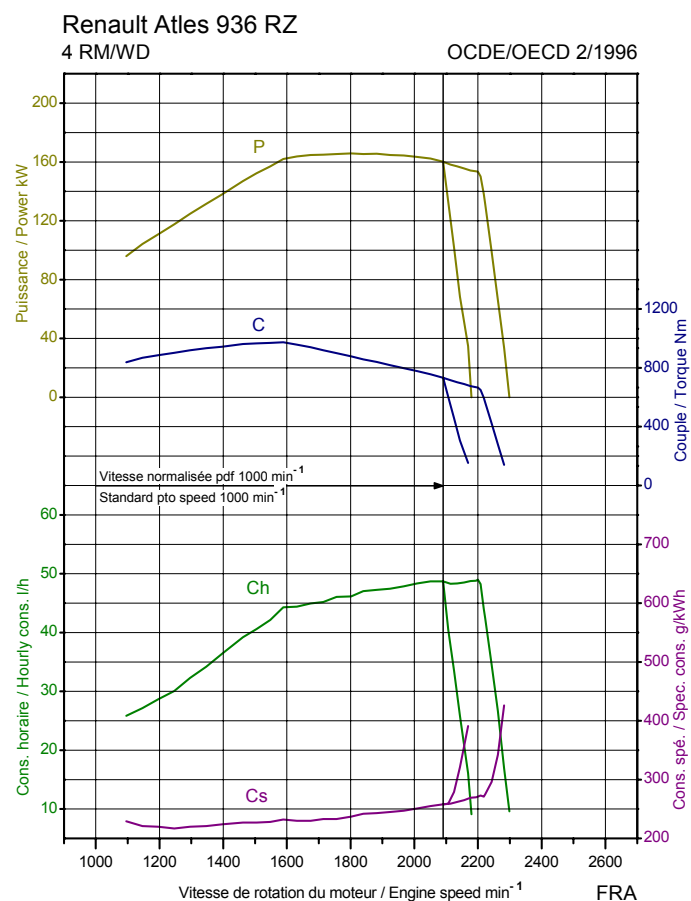
H4532EA - 40 km/h

Manufacturer

Renault Agriculture

Testing station:

Cemagref, Antony, France



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Deutz	BF 6M 1013FC Code 186/3	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	6	vertical in line	
<i>Capacity, Cooling</i>	7146 cm ³	Liquid	
<i>Gear box</i>		Mechanical	
<i>Number of forward and reverse speeds</i>		18	8
<i>Speed at rated engine speed</i>		from 2.38	to 39.36 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>		596 min ⁻¹	1052 min ⁻¹
<i>Diameter of the shaft</i>		35 mm	35 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>	165.8 kW	1802 min ⁻¹	862 min ⁻¹
<i>Hourly and specific consumption</i>		46.17 l/h	237 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	153.5 kW	2200 min ⁻¹	1052 min ⁻¹
<i>Hourly and specific consumption</i>		48.99 l/h	271 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	160.2 kW	2091 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		48.72 l/h	258 g/kWh

Torque rise

		46.2 %	
<u>Maximum torque, Engine speed corresponding</u>	973.9 Nm	1589 min ⁻¹	

Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	600/70 R 28	650/85 R 38
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Total Mass

	<u>unballasted</u>	<u>ballasted</u>
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*Maximum drawbar pull**at speed of**Maximum power**at speed of***Power Lift and Hydraulic Performance Test***Hydraulic system**Maximum lifting force at hitch points, at frame**At maximum hydraulic power**Flow rate, Pressure, Power*