



**OECD approval number**

**2/2 155**

**OECD approval date**

**Restricted Code**

**29/07/2004**

**Make**

**Renault**

**Model**

**Atlas 936 RZ**

**Type**

**4 WD**

H4532EA - 40 km/h

*Manufacturer*

CLAAS KGaA mbH

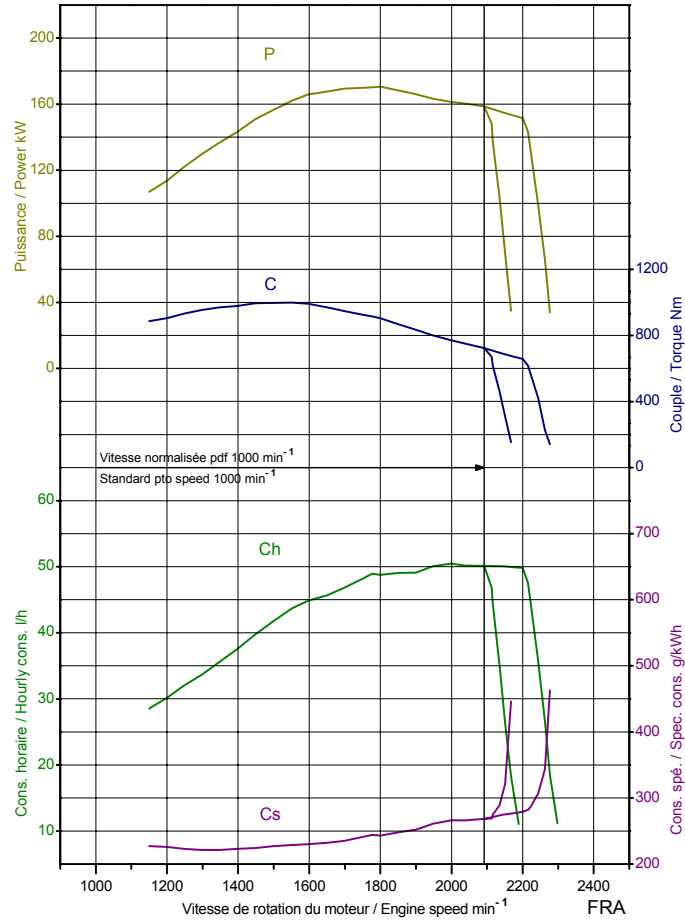
*Testing station:*

Cemagref, Antony, France

**Renault Atlas 936 RZ**

**4 RM/WD**

**OCDE/OECD 2/2155**



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	Deutz	Bf6M1013FC code 186T	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	6	vertical in line	
<i>Capacity, Cooling</i>	7146 cm <sup>3</sup>	Liquid	
<i>Gear box</i>		Mechanical	
<i>Number of forward and reverse speeds</i>		18	8
<i>Speed at rated engine speed</i>		from 2.37	to 39.23 km/h
<u>Standard Power take-off speed</u>		<u>540 min<sup>-1</sup></u>	<u>1000 min<sup>-1</sup></u>
<i>Power take-off speed at rated engine speed</i>		596 min <sup>-1</sup>	1052 min <sup>-1</sup>
<i>Diameter of the shaft</i>		34.9 mm	34.9 mm
<i>Number of splines</i>		6	21

**Power take-off Test**Two hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	170.5 kW	1801 min <sup>-1</sup>	861 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		48.79 l/h	243 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	151.6 kW	2200 min <sup>-1</sup>	1052 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		49.85 l/h	279 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	158.7 kW	2092 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		50.12 l/h	268 g/kWh

Torque rise

<i>Maximum torque. Engine speed corresponding</i>		998.4 Nm	1551 min <sup>-1</sup>
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**Drawbar Test***Front tyres, Rear tyres*

600/70 R 28 650/85 R 38

Test with tractorunballasted ballasted*Total Mass*

9650 kg

*Maximum drawbar pull*

89.4 kN

*Not**at speed of*

2.16 km/h

*required**Maximum power*

150.3 kW

*in**at speed of*

8.52 km/h

*Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

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

100.0 l/min

14.4 MPa

24.0 kW

Maximum lifting force*at hitch points, at frame*

90.0 kN

81.1 kN

