



OECD approval number

2/2 154

Restricted Code

29/07/2004

OECD approval date

Make

Renault

Model

Atlas 926 RZ

Type

4 WD

H4522EA - 40 km/h

Manufacturer

CLAAS KGaA mbH

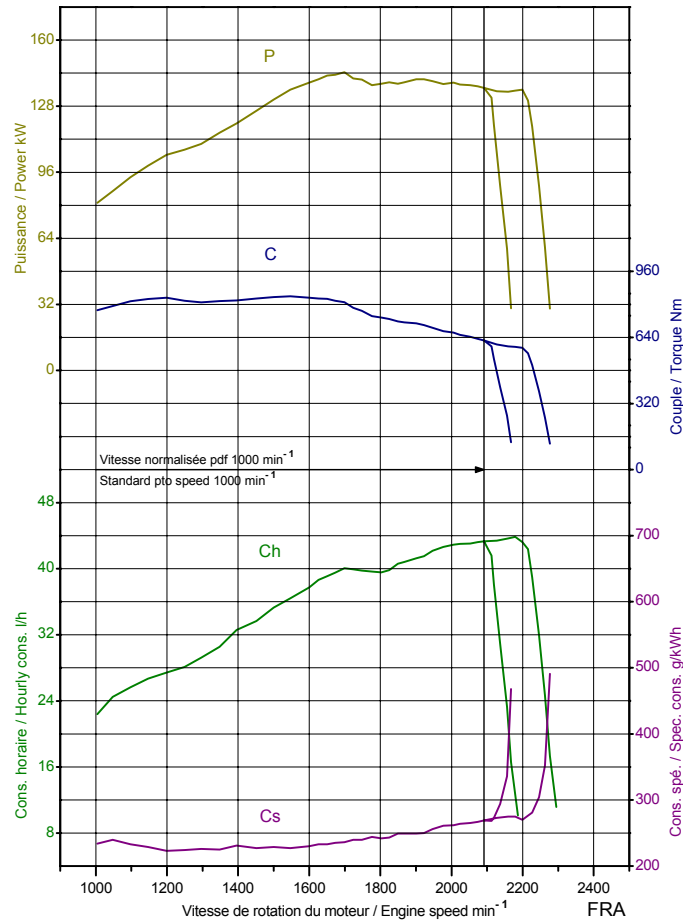
Testing station:

Cemagref, Antony, France

Renault Atlas 926 RZ

4 RM/WD

OCDE/OECD 2/2154



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Deutz	Bf6M1013FC code 169T	
<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 2.37	to 39.23 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>		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>	144.4 kW	1700 min ⁻¹	812 min ⁻¹
<i>Hourly and specific consumption</i>		40.08 l/h	236 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	136.0 kW	2200 min ⁻¹	1051 min ⁻¹
<i>Hourly and specific consumption</i>		43.21 l/h	270 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	136.9 kW	2091 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		43.32 l/h	269 g/kWh

Torque rise

<u>Maximum torque. Engine speed corresponding</u>		839.6 Nm	1547 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	600/70 R 28	650/85 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	9690 kg	
<i>Maximum drawbar pull</i>	88.2 kN	<i>Not</i>
<i>at speed of</i>	2.73 km/h	<i>required</i>
<i>Maximum power</i>	126.1 kW	<i>in</i>
<i>at speed of</i>	8.47 km/h	<i>Code 2</i>

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	94.7 l/min	13.2 MPa	20.8 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		90.0 kN	81.1 kN

