



OECD approval number

2/2 155

OECD approval date

Restricted Code

29/07/2004

Make

Claas

Model

Atlas 936 RZ

Type

4 WD

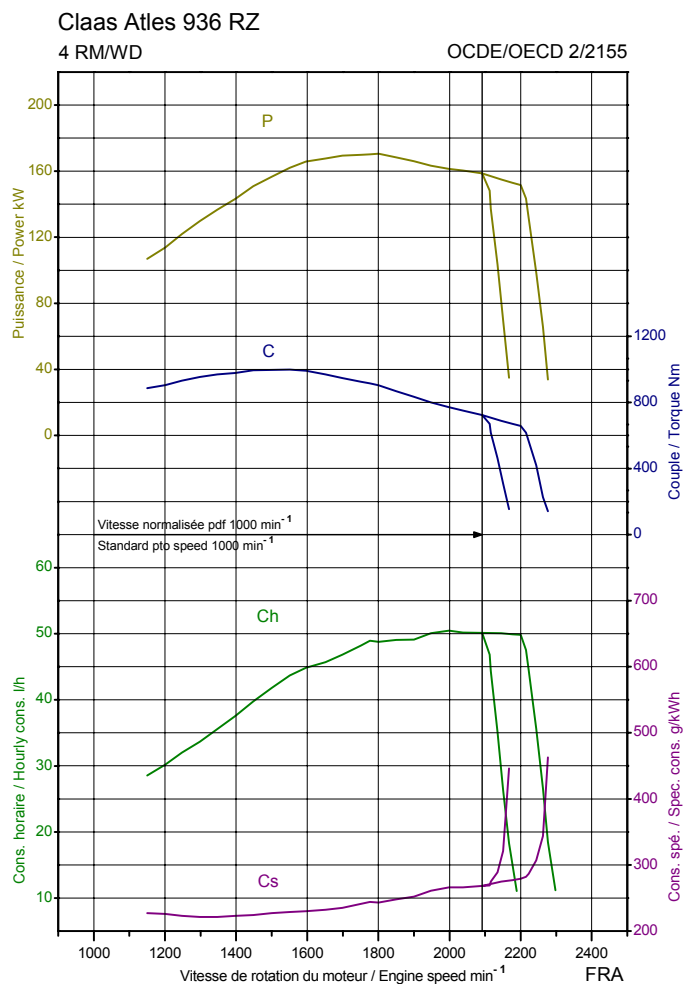
H4532EA - 40 km/h

Manufacturer

CLAAS KGaA mbH

Testing station:

Cemagref, Antony, France



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 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>	170.5 kW	1801 min ⁻¹	861 min ⁻¹
<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 ⁻¹	1052 min ⁻¹
<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 ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		50.12 l/h	268 g/kWh

Torque rise

51.7 %

Maximum torque, Engine speed corresponding998.4 Nm 1551 min⁻¹**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

