

## PAG Air Conditioning Oil 100 R-1234 YF

### Description

Fully synthetic oil based on polyalkylene glycol (PAG). For lubricating, sealing and cooling sliding and rotating parts in the refrigerant compressors and refrigerant circuits in passenger and commercial vehicle air conditioning systems. Mixes very well with type R1234yf and R134a refrigerants. Is hygroscopic, absorbs moisture from the ambient air and is therefore filled under nitrogen. Meets the requirements of important refrigerant compressor and refrigeration system manufacturers. The fluorescent color allows leaks to be located quickly using a UV lamp.

### Properties

- for refrigerants of type R1234yf and type R134a
- fully synthetic
- hygroscopic
- cooling function
- outstanding lubricating action
- prevents seals from swelling
- fluorescent
- backwards compatible
- no risk of confusion due to adding the wrong product
- no second oil container required for A/C units
- double endcapped PAG's

### Technical data

Color / appearance	yellow
Base	Polyalkylene glycol (PAG)
Water content	0,03 %
Pour point	-40 °C
Viscosity at 40 °C	100 mm <sup>2</sup> /s
Odor	characteristic
Form	liquid
Viscosity index	190
Flash point	> 230 °C
Density at 20 °C	0,989 g/cm <sup>3</sup>
Shelf life in original sealed container	60 Monate

### Areas of application

For wetting seals in the refrigerant circuit before assembly and for topping up the factory filled refrigerant oil in the case of repairs. Also for the first filling of passenger and commercial vehicle air conditioning systems with refrigerant type R1234yf or R134a. For hybrid vehicles filled with R1234yf and in which electrically and belt-driven air conditioning



compressors are used.

### Application

To wet the seals, apply the oil with a brush to ensure that the system is well sealed. To top up or replace the refrigerant oil in passenger or commercial vehicle air conditioning systems, pour into the special filling cylinder and then add to the refrigerant circuit via the air conditioning system filling device. If there are leaks in the refrigerant circuit, examine the refrigerant lines of the vehicle using a UV lamp in a dark room. The UV light will render the yellow fluorescent color in the PAG oil escaping at the leak visible.

**Note:** Always seal the oil container after use, as it absorbs moisture from the ambient air. PAG air conditioning oils must not be mixed or disposed of with waste oil, e.g. motor and transmission oils. PAG air conditioning oils must be collected separately and disposed of in accordance with the waste code (see safety data sheet).

The specifications and instructions from the assembly or vehicle manufacturer must be followed!

### Available pack sizes

250 ml Can sheet metal	20736
	D-GB-I-E

**Our information is based on thorough research and may be considered reliable, although not legally binding.**