



# AIRMEXX PAG 46

Premium polyalkalene glycol air-conditioning liquid

## Description:

**AIRMEXX PAG 46** is a super premium synthetic lubricant based on polyglycolene.

A double-sided cut polyalkylene glycol air conditioning oil, especially developed to be used in air conditionings in automotive engineering.

**AIRMEXX PAG 46** was especially developed to meet OEM standards. In the process an additive component of high-end technology is used to offer an outstanding protection for HFC-cooling systems, that are filled with R 134a.

**AIRMEXX PAG 46** has an excellent solubility and lubrication in automotive HFC-cooling systems.

## Properties

- Excellent oxidation stability
- High film resistance
- Unsurpassed solubility in HFC and mixed refrigerants
- Excellent rust protection
- Ideal carbon- and rust control
- Excellent material tolerance
- Hygroscopic

## Effects

- Increases the efficiency of air conditionings
- Highest operating reliability
- Suitabel for long time changing intervals
- The moving parts in refrigerant circulation are lubricated, sealed and cooled perfectly

## Suitable for/ we recommend this product for

ISO-GRADE 46 AA1

## Utilization

- As a lubricant in HFC air conditionings
- Reciprocating compressors and screw compressors which operate on hydrocarbon and neither oxygen nor water can be found
- Hydrocarbon cooling compressors
- Ammonia soluble cooling lubricants

## Miscibility:

- **AIRMEXX PAG 46** is completely compatible with comparable PAG-lubricants, and can be mixed. To make the most of the advantages of **AIRMEXX PAG 46** it is highly recommended not to mix **AIRMEXX PAG 46** with other lubricants.

## AIRMEXX PAG 46

| Article No. | Packaging unit |        |
|-------------|----------------|--------|
| 320000      | Can            | 250 ml |

## Typical characteristics:

|                         |                   |      |
|-------------------------|-------------------|------|
| Specific weight at 20°C | kg/m <sup>3</sup> | 985  |
| Viscosity at 40°C       | cSt               | 49,8 |
| Viscosity at 100°C      | cSt               | 9,80 |
| Viscosity index         |                   | 187  |
| Flash point COC         | °C                | 254  |
| Pourpoint               | °C                | <-40 |
| ISO-grade               |                   | 46   |