

FRAGOL COMP PGE 46

FRAGOL COMP PGE 46 is a synthetic ISO VG 46 high performance mixture of Polyglycol (PAG) and polyolester (POE) formulated to provide outstanding resistance to oxidation and thermal degradation required in air compressors.

FRAGOL COMP PGE 46 is formulated with latest available additive technology to meet or exceed common OEM requirements and can be used in rotary compressors operating at high air pressures and discharge temperatures. This formulation does not contain barium.

Note that contact should be avoided with gases containing reactive and acidic components, e.g.: Hydrogen Halides (HF, HBr, HCl), Sulphur Oxides (SO₂, SO₃), Nitrogen Oxides (NO_x) and other acid gases such as H₂S. Contact our technical team for alternative solutions for such applications.

APPLICATIONS

- Screw and vane compressors

BENEFITS

- Excellent oxidation stability
- Very good thermal resistance
- Good water separation and air release
- Good metal wetting properties
- Extended drain intervals
- No deposit/lacquer formation
- Reduced power consumption

TYPICAL CHARACTERISTICS

FRAGOL COMP PGE 46	Value	Unit	Method
Temperature range	-25 to 210	°C	-
Appearance	clear, yellow liquid	-	visual
Viscosity @ 40 °C	44.8	mm ² /s	ASTM D-445
Viscosity @ 100 °C	7.5	mm ² /s	ASTM D-445
VI	134	-	ASTM D-2270
Density @ 15.6 °C	0.935	kg/l	ASTM D-1298
Total acid number	0.6	mg KOH/g	ASTM D-664
Flash point (COC)	254	°C	ASTM D-92
Pour point	-44	°C	ASTM D-97
Copper corrosion	1a	-	ASTM D-130
Steel corrosion	pass	-	ASTM D-665 B
Demulsibility @ 54 °C	30	min.	ASTM D-1401

SPECIFICATIONS

FRAGOL COMP PGE 46 meets or exceeds the requirements of the following specifications:

DIN 51506:2017-08 VDL
ISO-L-DAJ (according to ISO 6743-3)

COMPATIBILITY

FRAGOL COMP PGE 46 is based on chemistry with outstanding solvency properties providing deposit-free valve operation. This also means contact should be avoided with materials such as: natural rubber, low nitrile rubber (Buna N, NBR (<30% acrylonitrile), butyl rubber, polychloroprene (Neoprene), styrene-butadiene rubber (Buna S, SBR), ethylene-propylene terpolymer (EPDM), ethylene/acrylic rubber, PVC, polyethylene, single component paint.

Is not compatible with other chemistries. When switching from other lubricants or in presence of remaining residues, flushing is recommended.