Wilhelmsen Ships Service

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KLÜBER SUMMIT PGS 100 200 LTR

Product group: **683** Product number: **210070**

KLÜBER SUMMIT PGS 100 is a synthetic lubricant oil uniquely formulated to endure the harsh conditions of gas compressors. With maximal resistance to hydrocarbon dilution, it runs at the optimal operating viscosity, helping your components last longer.



Product information

Gas compressor oils face a unique set of challenges in their operations due to the complex conditions in the compressors. The presence of hydrocarbon gases in the gas stream, for example, may dilute the lubricant. Moreover, high pressures tend to further dissolve them and tamper with the oil's viscosity, reducing its performance. Chemical reactions by the lubricant additives or base oils with components of the gas may also result in the formation of sludge and deposits, affecting the lubricity of your oil, and speeding up wear on your equipment.

All these challenges cause premature component wear, higher maintenance work and costs, and shorter oil change intervals. Hence came the formulation of KLÜBER SUMMIT PGS 100, a polyglycol-based synthetic gas compressor oil, specially formulated for rotary screw gas compressors. With maximum resistance to hydrocarbon dilution, it maintains the proper operating viscosity, extending drain intervals and parts life for your gas compressors.

Furthermore, KLÜBER SUMMIT PGS 100 was designed for optimal compatibility with the gas stream, reducing reaction by-products, deposits and sludge. You can enjoy lower clogging of your filters and their corresponding costs, as well as reduced wear that these deposits usually cause.

Features

- Highly resistant to hydrocarbon dilution
- Wear protection
- Sludge and deposit reduction

Benefits

- Maintains proper operating viscosity
- Protects your compressor parts from wear, extending parts life
- Enhances equipment performance
- Extends drain intervals of your compressors

Specification

General

Suggested Inventory Hazard Material classification	C-3

Physical properties

Colour	Yellow
Density at 20°C [g/cm³]	~ 1.05
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C [mm²/s]	~ 19.6
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C [mm²/s]	~ 100

Dimensions/Weight

Packing Size	200 ltr

Technical data

Shelf life [months]	36
Viscosity index, DIN ISO 2909	≥200

Performance data

Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus [°C]	≥230
Pour point, DIN ISO 3016 [°C]	≤-39

Documents

SDoC and MD for IHM

Directions for use

KLÜBER SUMMIT PGS 100 is suitable for use in piston, screw-type and rotary vane compressors for natural or process gas.

Before using KLÜBER SUMMIT PGS 100, drain any old compressor oil from the system as much as possible while it is still warm. Drain coolers, separator tanks, and all lines as well. Next, clean or preferably change the filters. Only recharge with KLÜBER SUMMIT PGS 100 after the aforementioned steps have been completed.

We recommend attaching a label stating the type and fill date of the lubricant to the filter or compressor cover.

To the best of our knowledge, KLÜBER SUMMIT PGS 100 is compatible with NBR (acrylonitrile content > 30 %), EPDM, MVQ (silicone rubber), PTFE and polyurethane foams. It can also be used with paints on an epoxy or phenolic basis.

However, you are advised not to use KLÜBER SUMMIT PGS 100 together with acrylic paints, polyurethane varnishes and synthetic materials on a PVC, polycarbonate and ABS basis.

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