PG-E Series

Gas compressor lubricant

Your benefits at a glance

- Reduces degree of viscosity dilution
- High degree of solvency
- Extended lubricant and filter life

Your requirements - our solution

Summit PG-E Series are full synthetic lubricants formulated for oil flooded rotary screw compressors in hydrocarbon gas applications. It is designed to reduce the degree of viscosity dilution experienced by mineral oils and most other synthetics. It is for high BTU hydrocarbon gases where crude oil is allowed to enter the compressor intake and contaminate the compressor lubricant.

PG-E Series lubricants have a high degree of solvency, which keeps the crude oil contamination in solution. This results in longer lubricant life and longer filter life. Crude oil is not soluble in most PAG based lubricants normally used in this type of service. This limited solubility results in frequent plugging of oil filters and coalescing elements leading to high filter costs and manpower requirements. Use of PG-E Series may also result in longer life for mechanical seals by keeping the seal faces free from deposits for an extended time. Since crude oil consists of various compounds, the degree of crude oil solubility in PG-E Series may vary among different locations.

It is recommended PG-E Series not be mixed with mineral, PAO or other hydrocarbon based oils since this will limit its ability to absorb crude oil and may exceed the compatibility limits of the lubricant.

Material safety data sheets

Material safety data sheets can be requested via our website https://www.klsummit.com. You may also obtain them through your contact person at Summit Lubrication.

Characteristics	PG-150E	PG-220E
Article number	340415	340545
Density, 20°C	approx. 0.984 g/cm³	approx. 0.982 g/cm³
Flash point, ASTM D92, Cleveland open cup	≥ 225 °C	≥ 250 °C
ISO viscosity grade, DIN ISO 3448, ISO VG	150	220
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 22.6 mm²/s	approx. 30.9 mm²/s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 154 mm²/s	approx. 222 mm²/s
Viscosity index, ASTM D2270	approx. 175	approx. 182
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -42 °C	approx. -38 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months	36 months

a brand of KLÜBER LUBRICATION

Product information

PG-E Series

Gas compressor lubricant

Summit Lubrication

Your expert in specialty lubricants. Since 1982, we have partnered with you to bring you the right solution and advanced lubrication technologies. With over 500 products, from air and gas compressor oils to refrigeration oils, we develop top-of-the-line products tailored to your specific needs. Your success is our success.

Summit Lubrication a brand of Klüber Lubrication NA LP /
9010 County Road 2120, Tyler, TX 75707 /
Phone: +1 800 749 5823 / www.klsummit.com

The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

Publisher and Copyright: Klüber Lubrication NA LP. Reprints, total or in part, are permitted only prior consultation with Klüber Lubrication NA LP and if source is indicated and voucher copy is forwarded.