Product information

PGI Series

Synthetic refrigeration lubricants

Your benefits at a glance

- Suitable for wet gas situations

Your requirements - our solution

Summit PGI synthetic lubricants were designed for use in the compression of propane in refrigeration or unloading service. Available in three grades for rotary screw and reciprocating compressors, PGI is especially suitable for wet gas situations. Due to the varying make-up of gases and operating temperatures, contact your Summit representative for specific product recommendations.

Application

Rotary screw and reciprocating compressors

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	PGI-32	PGI-46	PGI-68	PGI-100
Article number	340310	340099	340511	340512
Density, 20°C	approx. 0.981 g/cm³	approx. 0.985 g/cm³	approx. 0.989 g/cm³	approx. 0.993 g/cm³
Flash point, ASTM D92, Cleveland open cup	≥ 230 °C	≥ 230 °C	≥ 220 °C	≥ 230 °C
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 6.7 mm²/s	approx. 8.3 mm²/s	approx. 12.7 mm²/s	approx. 18.3 mm²/s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 34 mm²/s	approx. 43.0 mm²/s	approx. 69 mm²/s	approx. 104 mm²/s
Viscosity index, ASTM D2270	approx. 159	approx. 172	approx. 186	approx. 196
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -55 °C	approx. -51 °C	approx. -47 °C	approx. -45 °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	36 months	36 months

Characteristics	PGI-150
Article number	340513
Density, 20°C	approx. 0.995 g/cm³
Flash point, ASTM D92, Cleveland open cup	≥ 230 °C
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 25.8 mm²/s

a brand of KLÜBER LUBRICATION

PGI Series

Synthetic refrigeration lubricants

Characteristics	PGI-150
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 153 mm²/s
Viscosity index, ASTM D2270	approx. 206
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -42 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months

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.