

# 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	0.975 g/cm <sup>3</sup>	0.977 g/cm <sup>3</sup>	0.989 g/cm <sup>3</sup>	0.99 g/cm <sup>3</sup>
Flash point	221 °C	221 °C	220 °C	230 °C
Kinematic viscosity, 100°C	7.0 mm <sup>2</sup> /s	8.2 mm <sup>2</sup> /s	12.8 mm <sup>2</sup> /s	18.6 mm <sup>2</sup> /s
Kinematic viscosity, 40°C	34.0 mm <sup>2</sup> /s	42.0 mm <sup>2</sup> /s	69.5 mm <sup>2</sup> /s	105 mm <sup>2</sup> /s
Viscosity index	166	173	187	195
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346, based on standard	-52 °C	-51 °C	-48 °C	-46 °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	0.99 g/cm <sup>3</sup>
Flash point	249 °C
Kinematic viscosity, 100°C	26.2 mm <sup>2</sup> /s
Kinematic viscosity, 40°C	155 mm <sup>2</sup> /s
Viscosity index	205
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346, based on standard	-44 °C

# PGI Series

Synthetic refrigeration lubricants



Characteristics	PGI-150
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](http://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.