

NGSH Series

Synthetic natural gas compressor lubricant



Your benefits at a glance

- Low pour point
- High viscosity indices
- Excellent water demulsibility

Your requirements - our solution

Summit NGSH Series lubricant is formulated from the highest quality synthetic hydrocarbon base stocks. NGSH Series are extended life fluids with special additives to protect equipment from wear, rust and hydrogen sulfide corrosion. These fluids are designed for reciprocating compressors in natural gas service. The NGSH Series lubricants have a low pour point, high viscosity indices and excellent water demulsibility. Consult your Summit

distributor or application engineer for assistance in choosing the proper lubricant for your application.

Application notes

Summit NGSH Series lubricants are compatible with commonly used seal materials and equipment designed for use with petroleum oils.

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	NGSH-68	NGSH-100	NGSH-150	NGSH-220
Article number	340514	340515	340516	340517
Demulsifying capacity	40/38/2 (10) (min)	40/40/0 (10) (min)	40/40/0 (15) (min)	40/40/0 (15) (min)
Density	0.87 g/cm ³	0.865 g/cm ³	0.864 g/cm ³	0.865 g/cm ³
Flash point, DIN EN ISO 2592, Cleveland open cup	250 °C	246 °C	259 °C	272 °C
Kinematic viscosity, 100°C	approx. 10 mm ² /s	approx. 14 mm ² /s	approx. 19 mm ² /s	approx. 26 mm ² /s
Kinematic viscosity, 40°C	approx. 65 mm ² /s	approx. 100 mm ² /s	approx. 150 mm ² /s	approx. 220 mm ² /s
Viscosity index	150	154	144	153
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346, based on standard	-54 °C	-48 °C	-48 °C	-47 °C
Four-ball tester: wear characteristics	0.55 mm	0.50 mm	0.44 mm	0.40 mm
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	NGSH-320	NGSH-460
Article number	340494	340342
Demulsifying capacity	40/40/0 (20) (min)	40/40/0 (30) (min)
Density	0.868 g/cm ³	0.869 g/cm ³
Flash point, DIN EN ISO 2592, Cleveland open cup	256 °C	285 °C

NGSH Series

Synthetic natural gas compressor lubricant



Characteristics	NGSH-320	NGSH-460
Kinematic viscosity, 100°C	approx. 36 mm ² /s	approx. 47 mm ² /s
Kinematic viscosity, 40°C	approx. 320 mm ² /s	approx. 460 mm ² /s
Viscosity index	156	162
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346, based on standard	-42 °C	-39 °C
Four-ball tester: wear characteristics	0.4 mm	0.60 mm
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

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.