

SumTech® SG Series

Synthetic based lubricating grease



Your benefits at a glance

- Compatible with high temperature operations
- Contains anti-oxidant additives
- Protection for ferrous and yellow metals

Your requirements - our solution

SumTech SG Series lubricating greases are heavy-duty multipurpose lubricating greases with development emphasis on long-term and lifetime lubrication of rolling element bearings under moderate to high load. The special lithium complex soap thickener and synthetic hydrocarbon base oil are proven components for high

temperature operation. Special anti-oxidant blended additives provide oxidation stability at both low and high temperatures. Synergistic corrosion inhibitors offer protection for both ferrous and yellow metals which are commonly used in today's rolling element bearings.

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	SumTech SG 100	SumTech SG 220	SumTech SG 460
Article number	320544	320386	320413
Composition, thickener	lithium complex soap	lithium complex soap	lithium complex soap
Colour	beige	beige	beige
Density	0.9 g/cm ³	0.88 g/cm ³	0.87 g/cm ³
NLGI grade	2	2	1
Worked penetration	265 - 295 0.1 mm	265 - 290 0.1 mm	280 - 310 0.1 mm
Kinematic viscosity of the base oil, 100°C	approx. 14 mm ² /s	approx. 28 mm ² /s	approx. 45 mm ² /s
Kinematic viscosity of the base oil, 40°C	approx. 120 mm ² /s	approx. 250 mm ² /s	approx. 460 mm ² /s
Copper corrosion	1 - - corrosion degree	1 - - corrosion degree	1 - - corrosion degree
SKF-EMCOR	< 1 corrosion degree	< 1 corrosion degree	< 1 corrosion degree
Oil separation	- % by weight	< 5 % by weight	< 5 % by weight
Dropping point	> 250 °C	> 250 °C	> 250 °C
Four-ball tester, welding load	- kgf	> 250 kgf	> 250 kgf
Timken test	- mg	65 mg	75 mg
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

SumTech® SG Series

Synthetic based lubricating grease



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.