

SumTech® AQ-320

Barium complex lubricating grease



Your benefits at a glance

- Protection against water washout and corrosion
- Excellent thermal stability
- Resistant to steam and mild alkaline and acidic solutions

Your requirements - our solution

SumTech AQ-320 is a Barium complex ISO 320 lubricating grease for use in wet environments. The special Barium complex thickener is resistant to steam and mild alkaline and acidic solutions preventing SumTech AQ-320 from becoming washed out of the lubricating area. The nature of the special thickener system gives SumTech AQ-320 a very tacky nature which is similar to the specific gravity of water, providing an unprecedented level of protection against water washout and corrosion. Premium anti-oxidants

provide excellent thermal stability and a blend of corrosion inhibitors extend the excellent anti-corrosion nature inherent of the thickener. SumTech AQ-320 is the grease of choice for marine, pulp and paper, and steel mill industries where exposure to water and aggressive media cannot be avoided. SumTech AQ-320 is also suitable for use in sealing water valves, labyrinth seals and rotary steam unions.

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 AQ-320
Article number	320410
Composition, thickener	barium complex soap
Colour	beige
Density	0.99 g/cm ³
NLGI grade	2
Worked penetration	245 - 275 0.1 mm
Kinematic viscosity of the base oil, 100°C	approx. 31 mm ² /s
Kinematic viscosity of the base oil, 40°C	approx. 490 mm ² /s
SKF-EMCOR	< 1 corrosion degree
Dropping point	> 220 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	60 months

SumTech® AQ-320

Barium complex 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.kls Summit.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.