

NONTROP GB 3 G

Special grease for valves and fittings



Your benefits at a glance

- Reliable function of systems and components in contact with aggressive media due to
 - compatibility with EPDM and a wide range of other materials used in this branch of industry
 - a wide service temperature range
 - excellent adhesion, good antiwear effect and outstanding load-carrying behaviour
- Facilitates assembly, maintenance and repair due to good metering precision

Your requirements - our solution

As a manufacturer or operator of valves and fittings that are used in contact with liquid or gaseous hydrocarbons or their condensates, or with cold or hot water, you are certainly interested in protecting these components against wear.

With its good adhesion to surfaces and resistance to media, NONTROP GB 3 G is not susceptible to washout and therefore helps extend the operable time of your valves and fittings. In addition, the solid lubricants contained support smooth component operation.

Application

NONTROP GB 3 G is preferably used for the lubrication of valves and fittings as well as in chemical systems and equipment requiring good resistance to various media. The product's high pressure-absorption capacity and consistent friction values over a wide temperature range ensure constant actuation forces in these applications.

With its specific performance characteristics, NONTROP GB 3 G offers versatile uses. Its most obvious applications are in the field of DRILLING, COMPLETION and PRODUCTION.

Application notes

For optimum lubrication results, we recommend cleaning the friction points with white spirit 180/210, alcohol or Klüber Summit Varnasolv. For initial lubrication, the friction points should ideally be clean and bright, i.e. free from oil, grease, perspiration and contamination. To optimise the service life of your equipment or if you have any other questions regarding your application, our experts will be pleased to help you.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	NONTROP GB 3 G
Can 1 kg	+
Bucket 25 kg	+
Drum 180 kg	+

Characteristics	NONTROP GB 3 G
Article number	001068
Composition, solid lubricant	graphite

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Characteristics	NONTROP GB 3 G
Composition, thickener	silicate
Composition, type of oil	ester oil
Colour space	black
Texture	fibrous , homogeneous
Service temperature, lower limit	-5 °C
Service temperature, upper limit	120 °C
Density, Klüber method: PN 024, 20°C	approx. 1.08 g/cm ³
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	230 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	260 0.1 mm
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , lower limit	13000 mPas
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , upper limit	21500 mPas
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 months

Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 90 years.

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