

GRAFLOSCON C-SG 500 PLUS

Adhesive lubricant



Benefits for your application

- Operational lubricant for open drives, sliding and guide rails, rubbing seals
- No lead additives
- Can be applied through automatic spraying equipment
- Suitable for increased component temperatures

Description

GRAFLOSCON C-SG 500 PLUS, a sprayable adhesive lubricant based on mineral oil, is aluminium complex saponified and contains solid lubricant (fine graphite). It is resistant to high pressure and is provided with anti-wear additives, adhesion improvers and corrosion inhibitors.

GRAFLOSCON C-SG 500 PLUS is free from bitumen, solvents and lead.

Application

GRAFLOSCON C-SG 500 PLUS can be used to lubricate open rolling drives (spur and bevel gears), slide and guide rails, large chain drives, etc., especially at high component temperatures. It is particularly suitable for rubbing seals (steel/steel) in rotary kilns or drums.

Application notes

GRAFLOSCON C-SG 500 PLUS is usually applied by automatic spraying equipment. Force-feed lubrication systems can also be used, especially for smaller drives. The product can also be applied manually using the **Klübermatic LB** hand sprayer. Do not expose to direct sunlight.

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	GRAFLOSCON C-SG 500 PLUS
Bucket 25 kg	+

Product data	GRAFLOSCON C-SG 500 PLUS
Article number	039065
Solid lubricants, percentage	approx. 10 % by weight
Colour space	black
Texture	homogeneous
Density at 20 °C	approx. 0.96 g/cm ³
Thermal stability of the lubricating film	200 °C
Functional lubricant film	-30 °C
FZG scuffing test, based on DIN ISO 14635, A/2,76/50, scuffing load stage	>= 12
Copper corrosion, DIN 51811, (lubricating grease), 24h/100°C	1 - 100 corrosion degree



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Four-ball tester, welding load, DIN 51350 pt. 04

$\geq 5\,000\text{ N}$

Water resistance, DIN 51807 pt. 01, 3 h/40°C

0 - 40

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 80 years.

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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.

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