

GRAFLOSCON C-SG 2000 ULTRA

Operational lubricant for open drives



Your benefits at a glance

- Prevents wear even at high surface pressures
- Contains solid lubricant particles for high load-carrying capacity
- Ready-to-use
- Easy application through spraying systems
- Excellent tooth flank protection in case of extremely high loads and vibrations
- Especially suitable for application under hot climatic conditions
- Lubricating film effective for a long period of time

Your requirements - our solution

GRAFLOSCON C-SG 2000 ULTRA is a sprayable adhesive lubricant with a mineral base oil. It contains aluminium complex soap and solid lubricant particles of fine graphite. It is resistant to high pressure and contains antiwear additives, adhesion improvers and corrosion inhibitors. The raw materials used for the manufacture of GRAFLOSCON C SG 2000 ULTRA are free of bitumen, solvents and chlorine.

Application

GRAFLOSCON C-SG 2000 ULTRA is designed for spray lubrication of open pinion gears exposed to extremely high tooth flank loads on rotary kilns, tube mills, and line blenders which are used in the cement, lime, gypsum, mining, and chemical industries.

GRAFLOSCON C-SG 2000 ULTRA is also suitable for drives exposed to high oscillations or drives in which rolling bearings are mounted.

It lubricates and protects all other open gears, drives subject to high thermal loads (spur and bevel gears) as well as slide and guide rails, large chains, wire ropes and similar devices. GRAFLOSCON C-SG 2000 ULTRA is especially suitable for application under hot climatic conditions and in heated spray systems.

Application notes

GRAFLOSCON C-SG 2000 ULTRA is applied to the gear mainly through automatic spray systems. Smaller drives are also lubricated by brush, forced-feed lubrication systems or with the *Klübermatic LB* manual spray gun.

The amount of lubricant applied depends on the individual operating conditions and is listed in the corresponding consumption chart.

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 2000 ULTRA
Can 1 kg	+
Bucket 25 kg	+
Bucket 50 kg	+
Drum 180 kg	+

GRAFLOSCON C-SG 2000 ULTRA

Operational lubricant for open drives



Characteristics	GRAFLOSCON C-SG 2000 ULTRA
Article number	039078
Solid lubricants	approx. 10 % by weight
Colour space	black
Application, in automatic spray systems	approx. 15 - 120 °C
Functional lubricant film	≥ -20 °C
Thermal stability of the lubricating film, depends on the relubrication	≤ 250 °C
Density, Klüber method: PN 024, 20°C	approx. 0.98 g/cm ³
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	360 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	400 0.1 mm
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 2000 mm ² /s
Dropping point, DIN ISO 2176 / IP 396	≥ 195 °C
FZG scuffing test, DIN ISO 14635-3, based on standard, A / 2.8 / 50, change of weight	≤ 0.2 mg/kWh
FZG scuffing test, DIN ISO 14635-3, based on standard, A / 2.8 / 50, failure load stage	≥ 12 mg/kWh
Water resistance, DIN 51807-1, 3 h, 40°C	0 - 40 rating
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.

Klüber Lubrication München GmbH & Co. KG /
Geisenhausenerstraße 7 / 81379 München / Germany /
phone +49 89 7876-0 / fax +49 89 7876-333.

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 München GmbH & Co. KG. Reprints, total or in part, are permitted only prior consultation with Klüber Lubrication München GmbH & Co. KG and if source is indicated and voucher copy is forwarded.