

GRAFLOSCON C-SG 2000 ULTRA

Operational lubricant for open drives



Benefits for your application

- 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

Description

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
Bucket 25 kg	+
Drum 180 kg	+

Product data	GRAFLOSCON C-SG 2000 ULTRA
Article number	039078
Solid lubricants, percentage	approx. 10 % by weight
Colour space	black



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Product data	GRAFLOSCON C-SG 2000 ULTRA
Density at 20 °C	approx. 0.98 g/cm ³
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	360 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	400 x 0.1 mm
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 2 000 mm ² /s
Thermal stability of the lubricating film	<= 250 °C
Functional lubricant film	>= -20 °C
Application in automatic spray systems	approx. 15 - 120 °C
Drop point, DIN ISO 2176, IP 396	>= 195 °C
FZG scuffing test, DIN ISO 14635-1, A/8.3/90, change in weight	<= 0.2 mg/kWh
FZG scuffing test, DIN ISO 14635-1, A/8.3/90, scuffing load stage	> 12
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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