

# 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](http://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	+

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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 <sup>3</sup>
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 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 2000 mm <sup>2</sup> /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
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 95 years.

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