

# GRAFLOSCON C-SG 00 LT

Operational lubricant for open girth gear drives



## Benefits for your application

- **Highly efficient and reliable operation even at low service temperatures**
  - Suitable for delivery via centralised lubrication systems
  - Excellent pumpability at low temperatures with good adhesion at high temperature
- **Cost-effective performance use due to**
  - Highly effective anti-wear and anti-corrosion performance enabling extended open gear lifetime
  - Lower lubricant consumption with reduced maintenance requirements and associated costs

## Description

GRAFLOSCON C-SG 00 LT is a high-performance sprayable lubricant with good adhesion properties especially at low temperatures.

Its special composition of semi-synthetic base oil (synthetic hydrocarbon oil and mineral oil) as well as the functional additives enable excellent anti-wear properties and corrosion protection.

Solid lubricant particles are also combined in the formulation to ensure reliable operation under starved lubrication conditions.

## Application

GRAFLOSCON C-SG 00 LT was developed for the lubrication of open gear drives and splines incorporated in earthmoving equipment, rotary kilns, tube mills used in the mining, cement, lime, gypsum, and chemical industries.

GRAFLOSCON C-SG 00 LT may also be considered a suitable solution for other open gear types as well as slide and guide rails, large chains, wire ropes and similar equipment.

## Application notes

GRAFLOSCON C-SG 00 LT is normally applied by automatic spray systems.

It can also be applied by brush or Klübermatic LB manual application equipment.

The lubricant quantities to be applied depend on the individual operating conditions and are indicated 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 00 LT
Bucket 25 kg	+
Drum 180 kg	+

Product data	GRAFLOSCON C-SG 00 LT
Article number	039217
Lower service temperature	-40 °C / -40 °F
Upper service temperature	90 °C / 194 °F
Colour space	black
Texture	short-fibred
Texture	homogeneous



# GRAFLOSCON C-SG 00 LT

Operational lubricant for open girth gear drives

Product data	GRAFLOSCON C-SG 00 LT
Density at 20 °C	approx. 0.96 g/cm <sup>3</sup>
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 130 mm <sup>2</sup> /s
NLGI grade, DIN 51818	00
FZG scuffing test, based on DIN ISO 14635, A/2,76/50, scuffing load stage	>= 13
Four-ball tester, welding load, DIN 51350 pt. 04	>= 5 000 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.

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