



Image may differ from product. See technical specification for details.

## LGFG 2/1

### General purpose food grade grease

A high performance food grade grease using complex calcium sulphonate thickener technology and a white mineral oil. It is suitable for applications subjected to high loads, wet environment and fluctuating temperatures encountered in the among others food and beverage industry.

- Wide temperature range
- Outstanding water resistance and corrosion protection
- Excellent mechanical stability
- Great dispensability in single point automatic lubricators
- Excellent protection against high loads and wear
- NSF ISO 21469 registered as well as Halal and Kosher certified

## Overview

### Performance

Base oil viscosity DIN 51562 at 100 °C	16 mm <sup>2</sup> /s
Base oil viscosity DIN 51562 at 40 °C	150 mm <sup>2</sup> /s
Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C	1 max.
Corrosion protection, Emcor, ISO 11007 modified, 0.5% NaCl	0-0
Corrosion protection, Emcor, ISO 11007 modified, Water washout	0-0
Corrosion protection, Emcor, ISO 11007, Distilled water	0-0
Dropping point (min) ISO 2176	280 °C
EP performance - 4 ball - Wear scar (max.) DIN 51350/5, 1400N	1 mm
EP performance - 4 ball - Weld load (min.) DIN 51350/4	400 N
Lubrication ability, R2F test B at 120°C	Pass
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 <sup>-1</sup> mm	+50
Mechanical stability, V2F test, 144 hrs	-
Oil separation DIN 51817, 40°C, %	1-5
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10 <sup>-1</sup> mm	+50
Penetration DIN ISO 2137, Worked, 60 strokes (10 <sup>-1</sup> mm)	265-295
Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C	1000 at 120°C
Speed (max.) n x dm (x 1000)	500
Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C	1

### Properties

Available for single point lubrication	yes
Base oil type	White mineral
Certifications	NSF H1 Halal Kosher
Colour	Brown
DIN 51825 code	KP2N-30
NLGI consistency class	2
NSF Registration no.	164513
Operating temperature range	-30.0 – 140.0 °C
Packsize	1 kg can
Recommended applications	Conveyor bearings Wrapping machines Bottling machines
Shelf life	2 year
Suitable for High load applications	+

Suitable for Vertical shaft applications	O
Suitable for applications that require Frequent start-up	+
Suitable for applications that require Rust protection	+
Suitable for applications that require Water resistance	++
Suitable for applications with Oscilating movements	++
Suitable for applications with Severe vibrations	+
Thickener	Calcium sulphonate complex

## Logistics

Product net weight	1 kg
UNSPSC code	15121902
eClass code	23-06-01-01

## Compatible products

### Recommended product

General purpose food grade grease	<a href="#">LGFG 2/0.4</a>
General purpose food grade grease	<a href="#">LGFG 2/18</a>
General purpose food grade grease	<a href="#">LGFG 2/180</a>
SKF SYSTEM 24 gas driven single point automatic lubricator	<a href="#">LAGD 60/FG2</a>
SKF SYSTEM 24 gas driven single point automatic lubricator	<a href="#">LAGD 125/FG2</a>
SKF SYSTEM 24 TLSD refill set	<a href="#">LGFG 2/SD125</a>
SKF SYSTEM 24 TLSD refill set	<a href="#">LGFG 2/SD250</a>
SKF SYSTEM 24 electro-mechanical single point automatic lubricator	<a href="#">TLSD 125/FG2</a>
SKF SYSTEM 24 electro-mechanical single point automatic lubricator	<a href="#">TLSD 250/FG2</a>
TLMR refill set	<a href="#">LGFG 2/MR380B</a>
TLMR refill set	<a href="#">LGFG 2/MR380</a>



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