



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

LGFG 2/18

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

Ask AI 

Overview

Dimensions

Corrosion protection, Emscor, ISO 11007, Distilled water	0-0
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Performance

Suitable for High load applications	
Suitable for Vertical shaft applications	
Suitable for applications with Oscilating movements	
Suitable for applications with Severe vibrations	
Suitable for applications that require Rust protection	
Suitable for applications that require Water resistance	
Suitable for applications that require Frequent start-up	
Operating temperature range	-22 – 284 °F
Load Range	Low - High C/P >4
Speed Range	Low - High
Dropping point (min) ISO 2176	536 °F
Penetration DIN ISO 2137, Worked, 60 strokes (10 ⁻¹ mm)	265-295
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10 ⁻¹ mm	+50
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 ⁻¹ mm	+50
Corrosion protection, Emscor, ISO 11007 modified, Water washout	0-0
Corrosion protection, Emscor, ISO 11007 modified, 0.5% NaCl	0-0
Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C	1
Oil separation DIN 51817, 40°C, %	1-5
Lubrication ability, R2F test B at 120°C	Pass
Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C	1 max.
Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C	1000 at 120°C
EP performance - 4 ball - Wear scar (max.) DIN 51350/5, 1400N	1 in
EP performance - 4 ball - Weld load (min.) DIN 51350/4	400 lbf
Maximum pressure	164513 psi

Properties

Recommended applications	Conveyor bearings Wrapping machines Bottling machines
Category	Food grade bearing grease
Lubricant	LGFG 2
NLGI consistency class	2
Base oil viscosity DIN 51562 at 40 °C	150 mm ² /s
Base oil viscosity DIN 51562 at 100 °C	16 mm ² /s

Biodegradable	No
DIN 51825 code	KP2N-30
Thickener	Calcium sulphonate complex
Colour	Brown
Base oil type	White mineral
Shelf life	2 year
Certifications	NSF H1 Halal Kosher
NSF Registration no.	164513
Packsizes	40 lb pail
Available for single point lubrication	Yes

Logistics

Product net weight	39.7 lb
eClass code	23-06-01-01
UNSPSC code	15121902

Compatible products

Recommended product

General purpose food grade grease	LGFG 2/0.4
General purpose food grade grease	LGFG 2/1
General purpose food grade grease	LGFG 2/180
SKF SYSTEM 24, gas driven single point automatic lubricator	LAGD 60/FG2
SKF SYSTEM 24, gas driven single point automatic lubricator	LAGD 125/FG2
Refill cartridge grease filled, with battery for Electro-mechanical single point lubricator	LGFG 2/SD125
Refill cartridge grease filled, with battery for Electro-mechanical single point lubricator	LGFG 2/SD250
SKF SYSTEM 24 single point lubricator	TLSD 125/FG2
SKF SYSTEM 24 single point lubricator	TLSD 250/FG2
Refill cartridge grease filled, with battery for Electro-mechanical single point lubricant dispenser	LGFG 2/MR380B
Refill cartridge grease filled, without battery for Electro-mechanical single point lubricant dispenser	LGFG 2/MR380

Recommended tool

Air-driven grease pump for use on grease drums/ pails, mobile	LAGG 18AF
Grease pump for use on drums	LAGG 18M
Grease trolley for grease drums/ pails, for Air-driven grease pumps	LAGT 18-50F
Grease filler pump for use on drums	LAGF 18
Air-driven grease pump for use on grease drums/ pails, mobile	LAGG 18AE



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