

SKF Food Grade Lubricants

General purpose grease

LGFG 2

SKF LGFG 2 is 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

Applications

- Conveyor bearings
- Wrapping machines
- Bottling machines



Available pack sizes

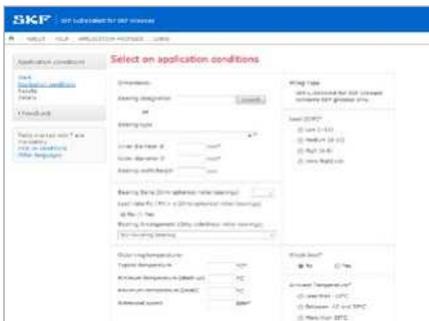
Packsize	Designation	Packsize	Designation
420 ml cartridge	LGFG 2/0.4	Electro-mechanical lubricators	
1 kg can	LGFG 2/1	TLSD series 125 ml	TLSD 125/FG2
18 kg pail	LGFG 2/18	TLSD series 125 ml refill	LGFG 2/SD125
180 kg drum	LGFG 2/180	TLSD series 250 ml	TLSD 250/FG2
Gas driven lubricators		TLSD series 250 ml refill	LGFG 2/SD250
LAGD series 60 ml	LAGD 60/FG2	Electro-mechanical lubricant dispensers	
LAGD series 125 ml	LAGD 125/FG2	TLMR 101 series 380 ml refill	LGFG 2/MR380B
		TLMR 201 series 380 ml refill (excl. battery)	LGFG 2/MR380



Technical data

Designation	LGFG 2/(pack size)	
DIN 51825	KP2N-30	Corrosion protection
NLGI consistency class	2	Emcor: – standard ISO 11007 0–0
Thickener	Calcium sulphonate complex	– salt water test (0.5% NaCl) 0–0
Colour	Brown	– water wash out 0–0
Base oil type	White mineral	Water resistance
Operating temperature range	–30 to +140 °C (–22 to +285 °F)	DIN 51807/1, 3 hrs at 90 °C 1 max.
Dropping point, DIN ISO 2176	280 °C min. (536 °F min.)	Oil separation
Base oil viscosity		DIN 51817, 7 days at 40 °C, % 1–5
40 °C, mm ² /s	150	Lubrication ability
100 °C, mm ² /s	16	R2F, running test B at 120 °C (248 °F) Pass
Penetration DIN ISO 2137		Copper corrosion
60 strokes	265–295	DIN 51811 at 100 °C (210 °F) 1 max.
100 000 strokes	+50 max.	Rolling bearing grease life
Mechanical stability		R0F test L ₅₀ life at 10 000 r/min., hrs 1 000 min. at 120 °C (248 °F)
Roll stability, 50h at 80 °C, 10–1 mm	+50 max.	EP performances
		DIN 51350/5, wear scar, 1 400 N, mm 1 max.
		DIN 51350/4, 4-ball test, welding load, N >4 000 min.
		Shelf life 2 years
		NSF Reg. No. 164513

These characteristics represent typical values.



Advanced tool for grease selection and relubrication calculation

LubeSelect for SKF greases

Selecting a suitable grease for a particular bearing is a crucial step if the bearing is to meet design expectations in its application. SKF knowledge about bearing lubrication has been encapsulated into a computer program that can be consulted at skf.com/lubeselect

LubeSelect for SKF greases provides you a user friendly tool to select the right grease and suggest frequency and quantity, while taking into account the particular conditions of your application. General guidelines for typical greases for different applications are also available.



Scan or click the QR code, or go to skf.com/lubeselect

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