

SKF Food Grade Lubricants

# General purpose grease

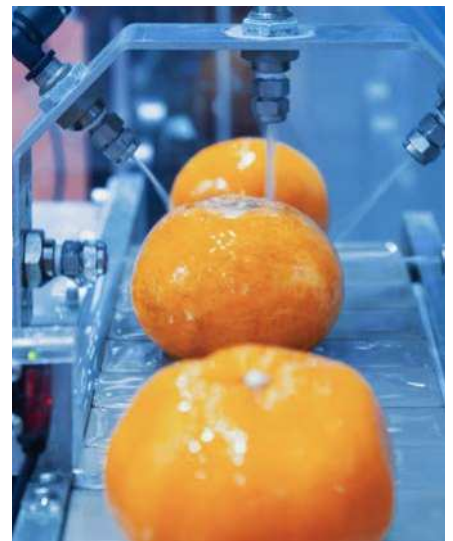
## LGFG 2

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		
LAGD series 125 ml	LAGD 125/FG2		



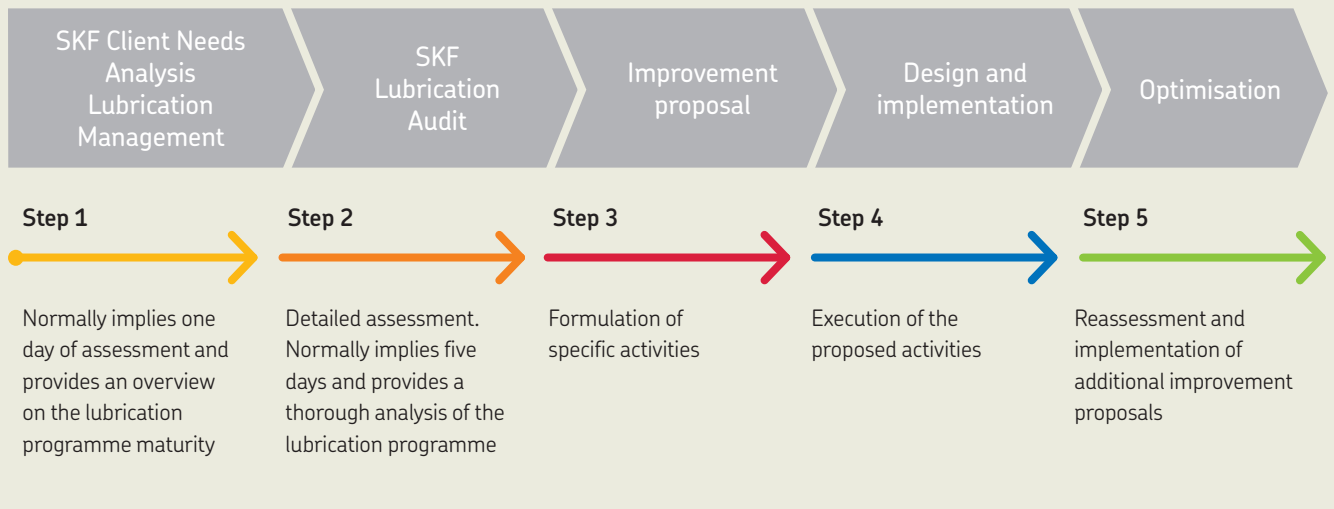
## Technical data

Designation	LGFG 2/(pack size)		
DIN 51825	KP2N-30	<b>Corrosion protection</b>	
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	<b>Water resistance</b>	
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.)	<b>Oil separation</b>	
Base oil viscosity		DIN 51817, 7 days at 40 °C, %	1–5
40 °C, mm <sup>2</sup> /s	150	<b>Lubrication ability</b>	
100 °C, mm <sup>2</sup> /s	16	R2F, running test B at 120 °C (248 °F)	Pass
Penetration DIN ISO 2137		<b>Copper corrosion</b>	
60 strokes	265–295	DIN 51811 at 100 °C (210 °F)	1 max.
100 000 strokes	+50 max.	<b>Rolling bearing grease life</b>	
<b>Mechanical stability</b>		R0F test L <sub>50</sub> 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.	<b>EP performances</b>	
		DIN 51350/5, wear scar, 1 400 N, mm	1 max.
		DIN 51350/4, 4-ball test, welding load, N	>4 000 min.
		<b>Shelf life</b>	2 years
		<b>NSF Reg. No.</b>	164513

*These characteristics represent typical values.*

## Lubrication management

Just as asset management takes maintenance to a higher level, a lubrication management approach allows lubrication to be seen from a wider point of view. This approach helps to effectively increase machine reliability at a lower overall cost.



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