

# SKF Food Grade Lubricants

## High load, water resistant and wide temperature food grade grease

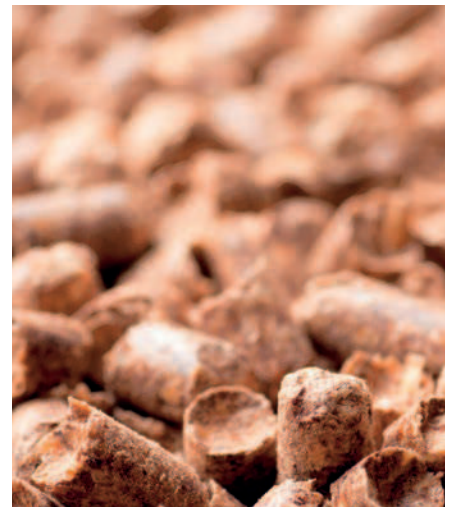
### LGFQ 2

SKF LGFQ 2 is a synthetic oil based grease using the latest complex calcium sulphonate thickener technology. It is suitable for applications subjected to high loads, wet environment and fluctuating temperatures encountered in the food and beverage industry.

- Excellent corrosion protection
- Excellent mechanical stability
- Excellent high load lubricating capacity
- Good false brinelling protection
- Good pumpability down to low temperatures
- NSF H1 registered and Halal and Kosher certified

#### Typical applications

- Pellet presses (pet food, sugar, salt)
- Mixers
- Mills
- Centralized lubrication systems



Available pack sizes			
Packsizes	Designation	Packsizes	Designation
420 ml cartridge	LGFQ 2/0.4	Electro-mechanical lubricators	
18 kg pail	LGFQ 2/18	TLSD series 125 ml refill	LGFQ 2/SD125
50 kg drum	LGFQ 2/50	TLSD series 250 ml refill	LGFQ 2/SD250
180 kg drum	LGFQ 2/180		
Gas driven lubricators			
LAGD series 125 ml	LAGD 125/FQ2		

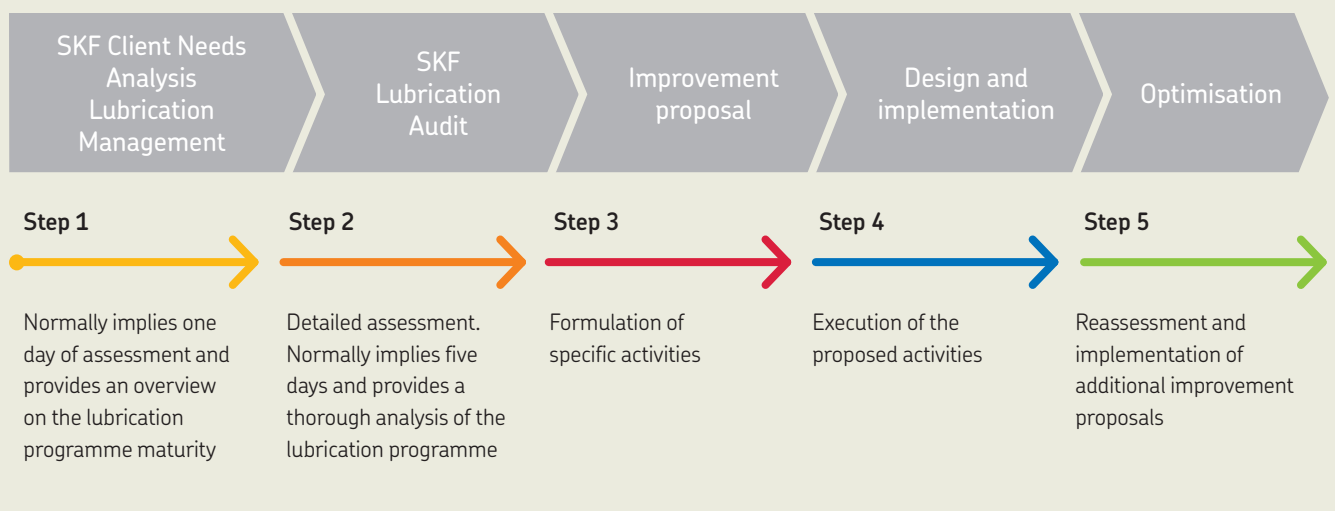
## Technical data

Designation	LGFQ 2/(pack size)	
DIN 51825	KP1/2N-40	<b>Corrosion protection</b>
Thickener	Complex calcium sulphonate	Emcor: – standard ISO 11007 0–0
NLGI grade	1–2	– salt water test (0.5% NaCl) DIN 51802 0–0
Colour	Brown	<b>Water resistance</b>
Base oil type	Synthetic (PAO)	DIN 51807/1, 3 hrs at 90 °C 1 max.
Operating temperature range	–40 to +140 °C (–40 to +284 °F)	Water wash out ASTM D1264, % 0
Dropping point, DIN ISO 2176	>300 °C (>570 °F)	<b>Oil separation</b>
Base oil viscosity		DIN 51817, 7 days at 40 °C, % 3 max.
40 °C, mm <sup>2</sup> /s	320	<b>Lubrication ability</b>
100 °C, mm <sup>2</sup> /s	30	R2F, running test B at 120 °C Pass
Penetration DIN ISO 2137		<b>Copper corrosion</b>
60 strokes	280–310	DIN 51811 1b max. at 100 °C (210 °F)
100 000 strokes	+30 max.	<b>EP performances</b>
Mechanical stability		DIN 51350/5, wear scar, 1 400 N, mm 1 max.
Roll stability, 50h at 80 °C, 10 <sup>-1</sup> mm	–20 to +30 max.	DIN 51350/4, weld load, N >4 000
		<b>Fretting corrosion</b>
		ASTM D4170 FAFNIR test, mm 0,8 <sup>1)</sup>
		<b>Shelf life</b>
		2 years
		<b>NSF Reg. No.</b>
		153759

<sup>1)</sup> Typical value

## 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.



[skf.com](http://skf.com) | [mapro.skf.com](http://mapro.skf.com) | [skf.com/lubrication](http://skf.com/lubrication)

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PUB MP/P8 16720 EN · May 2019

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