

SKF Food Grade Lubricants

# High load, water resistant and wide temperature grease

## LGFQ 2

SKF LGFQ 2 is a synthetic oil based grease using calcium sulphonate complex thickener . 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 ISO 21469 registered and Halal and Kosher certified

### Typical applications

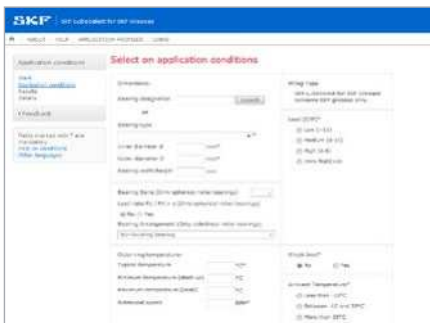
- Pellet presses (pet food, sugar, salt)
- Mixers
- Mills
- Centralized lubrication systems



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

Technical data			
Designation	LGFQ 2/(pack size)		
DIN 51825	KP1/2N-40	<b>Corrosion protection</b>	
Thickener	Calcium sulphonate complex	Emcor: – standard ISO 11007	0–0
NLGI grade	1–2	– salt water test (0.5% NaCl)	0–0
Colour	Pale brown	<b>Water resistance</b>	
Base oil type	Synthetic (PAO) / White mineral	DIN 51807/1, 3 hrs at 90 °C	1 max.
Operating temperature range	–40 to +130 °C (–40 to +265 °F)	<b>Oil separation</b>	
Dropping point, DIN ISO 2176	>300 °C (>570 °F)	DIN 51817, 7 days at 40 °C, %	3 max.
Base oil viscosity		<b>Lubrication ability</b>	
40 °C, mm <sup>2</sup> /s	320	R2F, running test B at 120 °C	Pass
100 °C, mm <sup>2</sup> /s	30	<b>Copper corrosion</b>	
Penetration DIN ISO 2137		DIN 51811	1b max. at 100 °C (210 °F)
60 strokes	280–310	<b>Rolling bearing grease life</b>	
100 000 strokes	+30 max.	R0F test, L <sub>50</sub> life at 10 000 r/min., hrs	1 000 min. at 120 °C (248 °F)
<b>Mechanical stability</b>		<b>EP performances</b>	
Roll stability, 50h at 80 °C, 10 <sup>-1</sup> mm	+30 max.	DIN 51350/5, wear scar, 1 400 N, mm	1.5 max.
		DIN 51350/4, weld load, N	>3 400
		<b>Shelf life</b>	2 years
		<b>NSF Reg. No.</b>	153759

*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](http://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](http://skf.com/lubeselect)

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

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