

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

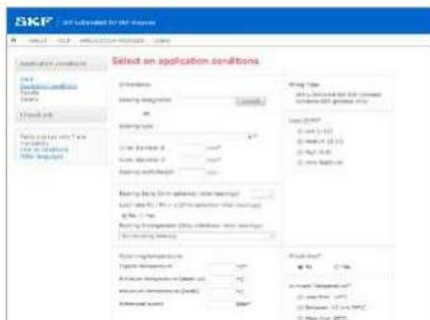
Pack size	Designation	Pack size	Designation
420 ml cartridge	LGFQ 2/0.4	Gas driven lubricators	
18 kg pail	LGFQ 2/18	LAGD series 125 ml	LAGD 125/FQ2
180 kg drum	LGFQ 2/180	Electro-mechanical lubricators	
		TLSD series 125 ml refill	LGFQ 2/SD125
		TLSD series 250 ml refill	LGFQ 2/SD250



Technical data

Designation	LGFQ 2/(pack size)		
DIN 51825	KP1/2K-40	Corrosion protection	
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	Water resistance	
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)	Oil separation	
Dropping point, DIN ISO 2176	>300 °C (>570 °F)	DIN 51817, 7 days at 40 °C, %	3 max.
Base oil viscosity		Lubrication ability	
40 °C, mm ² /s	320	R2F, running test B at 120 °C	Pass
100 °C, mm ² /s	30	Copper corrosion	
Penetration DIN ISO 2137		DIN 51811 / ASTM D4048, 24 hrs at 100 °C	2 max.
60 strokes	280–310	Rolling bearing grease life	
100 000 strokes	+30 max.	R0F test, L ₅₀ life at 10 000 r/min., hrs	1 000 min. at 120 °C (248 °F)
Mechanical stability		EP performances	
Roll stability, 50h at 80 °C, 10 ⁻¹ mm	+30 max.	DIN 51350/5, wear scar, 1 400 N, mm	1.5 max.
		DIN 51350/4, weld load, N	>3 400
		Shelf life	2 years
		NSF Reg. No.	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.

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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