

SKF Bearing Grease

High load, water resistant, high temperature bearing grease

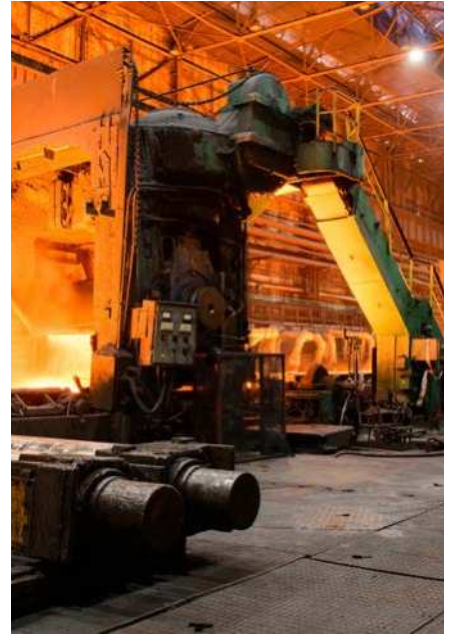
LGHC 2

LGHC 2 is a mineral oil based grease based on calcium sulphonate complex technology. It is formulated to withstand high loads, large amounts of water and high temperatures. It is most suitable for heavy applications, especially in the cement, mining and metals segments.

- Good mechanical stability
- Excellent corrosion protection
- Excellent high load lubricating capacity

Typical applications

- Roll stands in metallurgical industry
- Continuous casters
- Vibrating screens
- Ball mills bearings

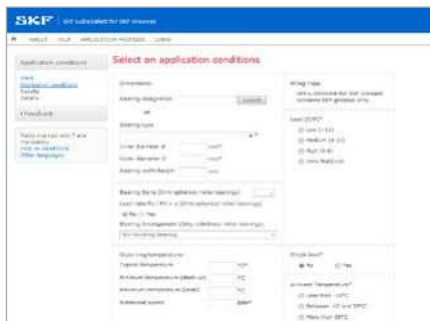


Available pack sizes

Packsize	Designation
50 kg drum	LGHC 2/50
180 kg drum	LGHC 2/180

Technical data			
Designation	LGHC 2/(pack size)		
DIN 51825	KP2N-20	Corrosion protection	
NLGI consistency class	2	Emcor: – standard ISO 11007	0–0
Soap type	Complex calcium sulphonate	– salt water test (0.5% NaCl)	0–1
Colour	Brown beige	Water resistance	
Base oil type	Mineral	DIN 51 807/1, 3 hrs at 90 °C	1 max.
Operating temperature range	–20 to +140 °C (–4 to +284 °F)	Oil separation	
Dropping point, DIN ISO 2176	>300 °C (>572 °F)	DIN 51 817, 7 days at 60 °C, static, %	1-3
Base oil viscosity		Lubrication ability	
40 °C, mm ² /s	450	R2F, running test B at 120 °C	Pass
100 °C, mm ² /s	31	Copper corrosion	
Penetration DIN ISO 2137		DIN 51 811, 100 °C	2 max.
60 strokes, 10 ⁻¹ mm	265-295	Rolling bearing grease life	
100 000 strokes, 10 ⁻¹ mm	+30 max.	R0F test, L ₅₀ life at 10 000 r/min., hrs	1 000 min. at 110 °C (230 °F)
Mechanical stability		EP performances	
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	+30 max.	Wear scar, DIN 51350/5, 1 400 N, mm	1.2
		Weld load, DIN 51350/4, N	4 000
		Shelf life	5 years

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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