

SKF Bearing Grease

High load, water resistant, high temperature bearing grease

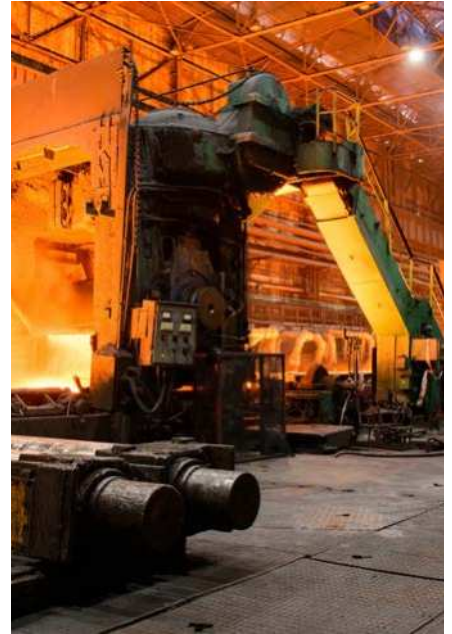
LGHC 2

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



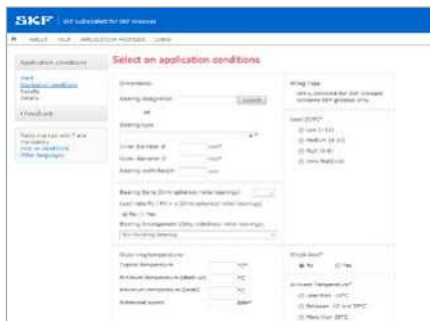
Available pack sizes

Packsizes	Designation
420 ml cartridge	LGHC 2/0.4
18 kg pail	LGHC 2/18
50 kg drum	LGHC 2/50
180 kg drum	LGHC 2/180



Technical data		LGHC 2/(pack size)	
Designation	KP2N-20	Corrosion protection	
DIN 51825	2	Emcor: – standard ISO 11007	0–0
NLGI consistency class	Complex calcium sulphonate	– salt water test (0.5% NaCl)	0–1
Soap type	Brown beige	Water resistance	
Colour	Mineral	DIN 51 807/1, 3 hrs at 90 °C	1 max.
Base oil type	–20 to +140 °C (–4 to +284 °F)	Oil separation	
Operating temperature range	>300 °C (>572 °F)	DIN 51 817, 7 days at 60 °C, static, %	1-3
Dropping point, DIN ISO 2176	450	Lubrication ability	
Base oil viscosity	31	R2F, running test B	Pass at 140 °C
40 °C, mm ² /s		Copper corrosion	
100 °C, mm ² /s		DIN 51 811, 100 °C	2 max.
Penetration DIN ISO 2137		Rolling bearing grease life	
60 strokes, 10 ⁻¹ mm	265-295	R0F test, L ₅₀ life at 10 000 r/min., hrs	1 000 min. at 110 °C (230 °F)
100 000 strokes, 10 ⁻¹ mm	+30 max.	EP performances	
Mechanical stability		Wear scar, DIN 51350/5, 1 400 N, mm	1.4
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	+30 max.	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

skf.com | skf.com/lubrication | skf.com/mapro

© SKF is a registered trademark of AB SKF (publ).

© SKF Group 2024. All rights reserved. Please note that this publication may not be copied or distributed, in whole or in part, unless prior written permission is granted.

Every care has been taken to ensure the accuracy of the information contained in this publication, but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

PUB MP/P8 17079/4 EN · April 2024

Certain image(s) used under license from Shutterstock.com.