

SKF Bearing Grease

High load, extreme pressure bearing grease

LGEP 2

SKF LGEP 2 is mineral oil based, lithium soap thickened grease with extreme pressure additives. This grease provides good lubrication in general applications subjected to harsh conditions and vibrations.

- Excellent mechanical stability
- Extremely good corrosion inhibiting properties
- Excellent EP performance

Typical applications

- Pulp and paper making machines
- Jaw crushers
- Dam gates
- Work roll bearings in steel industry
- Heavy machinery, vibrating screens
- Crane wheels, sheaves
- Slewing bearings



Available pack sizes

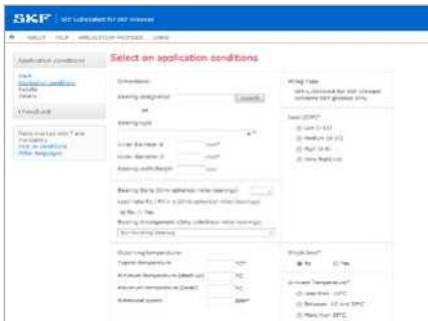
Packsize	Designation
420 ml cartridge	LGEP 2/0.4
1 kg can	LGEP 2/1
5 kg can	LGEP 2/5
18 kg pail	LGEP 2/18
50 kg drum	LGEP 2/50
180 kg drum	LGEP 2/180
Electro-mechanical lubricant dispensers	
TLMR 101 series 380 ml refill (incl. battery)	LGEP 2/MR380B
TLMR 201 series 380 ml refill	LGEP 2/MR380



Technical data

Designation	LGEP 2/(pack size)		
DIN 51825 code	KP2G-20	Corrosion protection	
NLGI consistency class	2	Emcor: – standard ISO 11007	0–0
Thickener	Lithium	– water washout test	0–0
Colour	Light brown	Water resistance	
Base oil type	Mineral	DIN 51 807/1,	
Operating temperature range	–20 to +110 °C (–5 to +230 °F)	3 hrs at 90 °C	1 max.
Dropping point DIN ISO 2176	>180 °C (>355 °F)	Oil separation	
Base oil viscosity:		DIN 51 817,	
40 °C, mm ² /s	200	7 days at 40 °C, static, %	2–5
100 °C, mm ² /s	16	Lubrication ability	
Penetration DIN ISO 2137		R2F,	
60 strokes, 10 ^{–1} mm	265–295	running test B at 120 °C	Pass
100 000 strokes, 10 ^{–1} mm	+50 max.	Copper corrosion	
Mechanical stability:		DIN 51 811	2 max. at 110 °C (230 °F)
Roll stability, 50 hrs at 80 °C, 10 ^{–1} mm	+50 max.	EP performance	
V2F test	'M'	Wear scar DIN 51350/5, 1 400 N, mm	1,4 max
		4–ball test, welding load DIN 51350/4, N	2 800 min.
		Rolling bearing grease life	
		ROF test, L50 life at 10 000 r/min., hr	1 000 min. at 110 °C (230 °F)
		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 the SKF Group.

© SKF Group 2022. 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 12045/3 EN · November 2022

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