

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

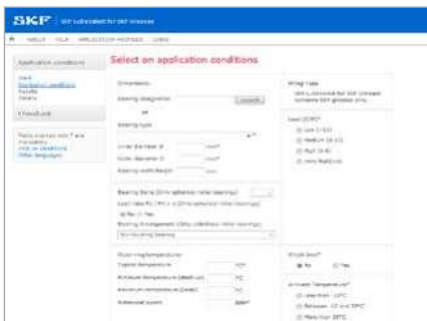
Packsize	Designation
420 ml cartridge	LGEP 2/0.4
1 kg can	LGEP 2/1
5 kg can	LGEP 2/5
18 kg pail	LGEP 2/18
50 kg drum	LGEP 2/50
180 kg drum	LGEP 2/180
<b>Electro-mechanical lubricant dispensers</b>	
TLMR 101 series 380 ml refill (incl. battery)	LGEP 2/MR380B
TLMR 201 series 380 ml refill	LGEP 2/MR380



## Technical data

Designation	LGEP 2/(pack size)		
DIN 51825 code	KP2G-20	<b>Corrosion protection</b>	
NLGI consistency class	2	Emcor: – standard ISO 11007	0–0
Thickener	Lithium	– water washout test	0–0
Colour	Light brown	<b>Water resistance</b>	
Base oil type	Mineral	DIN 51 807/1, 3 hrs at 90 °C	1 max.
Operating temperature range	–20 to +110 °C (–5 to +230 °F)	<b>Oil separation</b>	
Dropping point DIN ISO 2176	>180 °C (>355 °F)	DIN 51 817, 7 days at 40 °C, static, %	2–5
Base oil viscosity:		<b>Lubrication ability</b>	
40 °C, mm <sup>2</sup> /s	200	R2F, running test B at 120 °C	Pass
100 °C, mm <sup>2</sup> /s	18	<b>Copper corrosion</b>	
Penetration DIN ISO 2137		DIN 51 811	2 max. at 110 °C (230 °F)
60 strokes, 10 <sup>-1</sup> mm	265–295	<b>EP performance</b>	
100 000 strokes, 10 <sup>-1</sup> mm	+50 max.	Wear scar DIN 51350/5, 1 400 N, mm	1,4 max
<b>Mechanical stability:</b>		4–ball test, welding load DIN 1350/4, N	2 800 min.
Roll stability, 50 hrs at 80 °C, 10 <sup>-1</sup> mm	+50 max.	<b>Rolling bearing grease life</b>	
V2F test	'M'	ROF test, L50 life at 10 000 r/min., hr	1 000 min. at 110 °C (230 °F)
		<b>Shelf life</b>	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](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)

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