

# SKF Low temperature, extremely high speed bearing grease

## LGLT 2

SKF LGLT 2 is a fully synthetic oil based grease using lithium soap. Its unique thickener technology and low viscosity oil (PAO) provide excellent lubrication performances at low temperatures  $-50\text{ }^{\circ}\text{C}$  ( $-60\text{ }^{\circ}\text{F}$ ) and extremely high speeds ( $n\ d_m$  values of  $1,6 \times 10^6$  can be reached).

- Low friction torque
- Quiet running
- Extremely good oxidation stability and resistance to water

### Typical applications

- Textile spinning spindles
- Machine tool spindles
- Instruments and control equipment
- Small electric motors used in medical and dental equipment
- In-line skates
- Printing cylinders
- Robots



### Available pack sizes

Packsizes	Designation
180 g tube	LGLT 2/0.2
0,9 kg can	LGLT 2/1
25 kg pail	LGLT 2/25
170 kg drum	LGLT 2/180

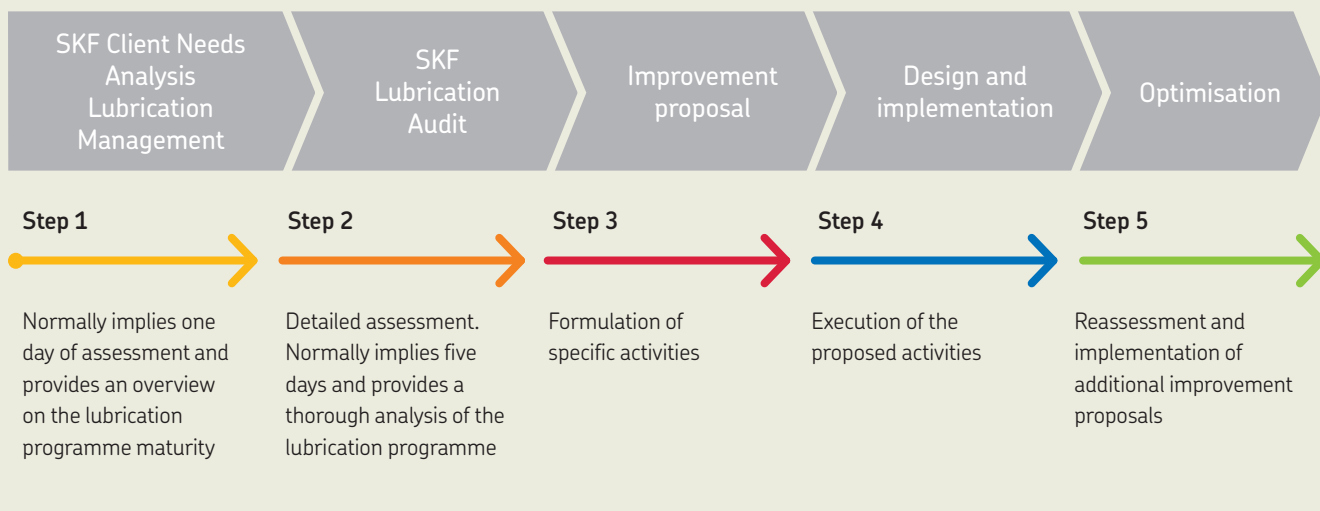


**Technical data**

Designation	LGLT 2/(pack size)		
DIN 51825 code	KHC2G-50	Corrosion protection	
NLGI consistency class	2	Emcor: – standard ISO 11007	0–1
Thickener	Lithium	Water resistance	
Colour	Beige	DIN 51 807/1, 3 hrs at 90 °C	1 max.
Base oil type	Synthetic (PAO)	Oil separation	
Operating temperature range	–50 to +110 °C (–60 to +230 °F)	DIN 51 817, 7 days at 40 °C, static, %	<4
Dropping point DIN ISO 2176	>180 °C (>355 °F)	Copper corrosion	
Base oil viscosity		DIN 51 811	1 max. at 100 °C (210 °F)
40 °C, mm <sup>2</sup> /s	18	Rolling bearing grease life	
100 °C, mm <sup>2</sup> /s	4,5	ROF test	>1 000, 20 000 r/min. at 100 °C (210 °F)
Penetration DIN ISO 2137		L <sub>50</sub> life at 10 000 r/min., hrs	
60 strokes, 10 <sup>-1</sup> mm	265–295	EP performance	
100 000 strokes, 10 <sup>-1</sup> mm	+50 max.	4–ball test, welding load DIN 51350/4, N	2 000 min.

## Lubrication management

Just as asset management takes maintenance to a higher level, a lubrication management approach allows lubrication to be seen from a wider point of view. This approach helps to effectively increase machine reliability at a lower overall cost.



[skf.com](http://skf.com) | [mapro.skf.com](http://mapro.skf.com) | [skf.com/lubrication](http://skf.com/lubrication)

© SKF is a registered trademark of the SKF Group.

© SKF Group 2019

The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) 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 12052/2 EN · October 2019

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