

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 ($n\text{ }d_m$ 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

Packsize	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

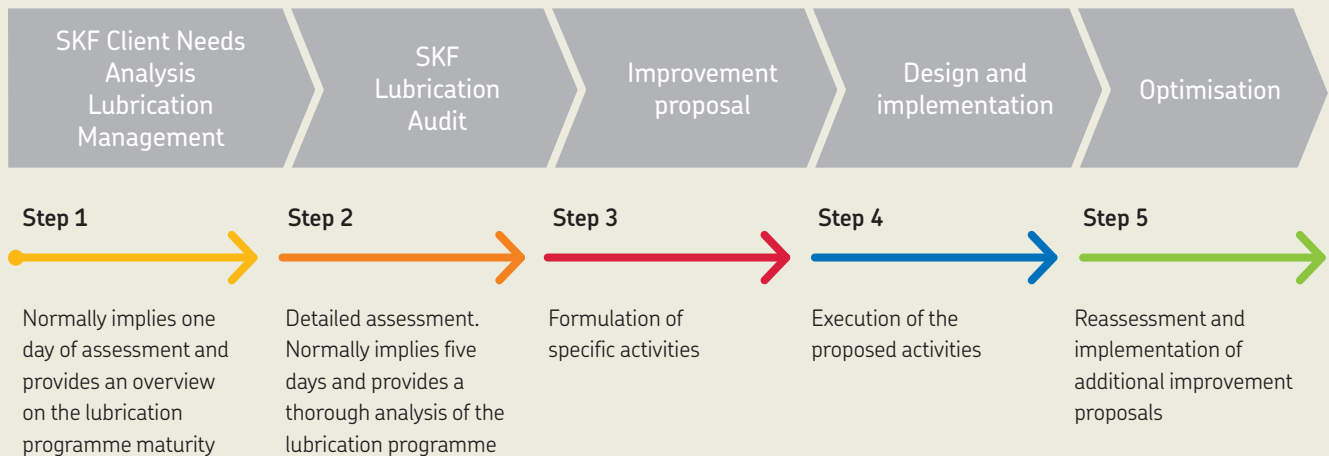


Technical data

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 ² /s	18	Rolling bearing grease life	
100 °C, mm ² /s	4,5	ROF test	>1 000, 20 000 r/min. at 100 °C (210 °F)
Penetration DIN ISO 2137		L ₅₀ life at 10 000 r/min., hrs	
60 strokes, 10 ⁻¹ mm	265–295	EP performance	
100 000 strokes, 10 ⁻¹ 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.



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