

SKF Food Grade Lubricants

High temperature and harsh environment food grade grease

LGED 2

SKF LGED 2 is a food grade NSF H1 certified grease based on a synthetic fluorinated oil using a PTFE thickener. It is suitable for extremely high temperature from 180 °C (392 °F) up to 240 °C (464 °F) and/or aggressive environments such as acids/alkalis, vacuum, oxygen etc.

- Excellent oxidation resistance
- Very low evaporation losses at high temperature
- Good corrosion resistance
- Long life in aggressive environments such as very reactive areas with a presence of high purity gaseous oxygen and hexane

Typical applications

- Bakery/brick oven equipment
- Glass industry
- Kiln truck wheels
- Load rollers in copying machines
- Wafer baking equipment
- Textile dryers
- Film stretching tenders
- High temperature fans
- Vacuum pumps



Important note:

LGED 2 is a fluorinated grease and is not compatible with other greases, oils and preservatives (except LGED 2). Therefore, very thorough cleaning of bearings and systems is essential before applying fresh grease.

Available pack sizes

Packsize	Designation
1 kg can	LGED 2/1



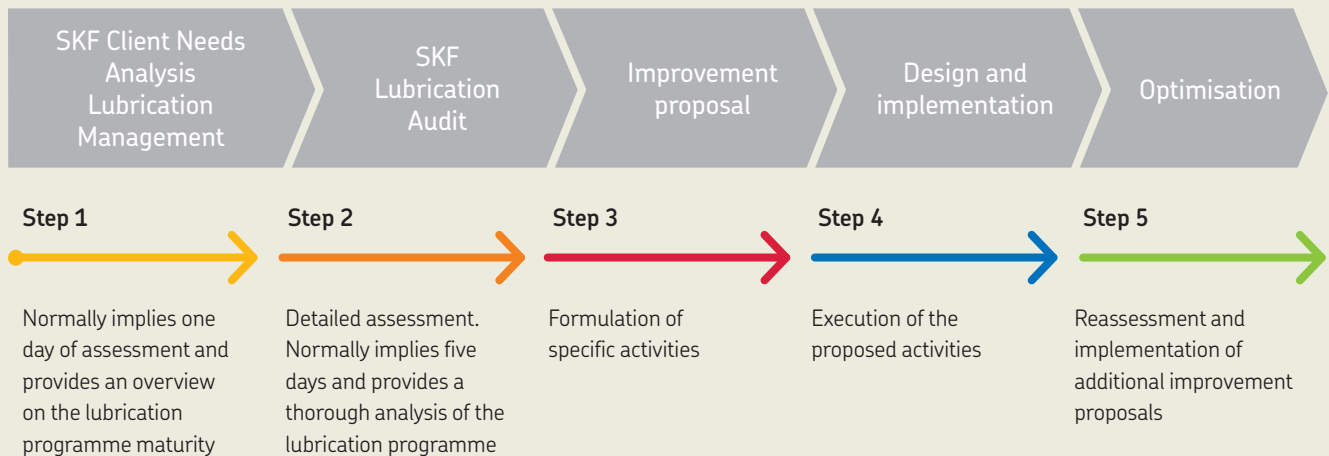
Technical data

Designation	LGED 2/(pack size)		
DIN 51825 code	KFK2U-30	Corrosion protection	
NLGI consistency class	2	Skf Emcor:	
Thickener	PTFE	– standard ISO 11007	0–0 ¹⁾
Colour	Off white	EP performance	
Base oil type	PFPE (Synthetic fluorinated polyether)	4-ball test, welding load DIN 51350/4, N	8 000 min.
Operating temperature range	–30 to +240 °C (–22 to +464 °F)	Water resistance	
Dropping point DIN ISO 2176	>300 °C (>570 °F)	DIN 51 807/1, 3 hrs at 90 °C	1 max.
Base oil viscosity		Copper corrosion	
40 °C, mm ² /s	460	ISO 2160	1 max. at 100 °C (210 °F)
100 °C, mm ² /s	42	Rolling bearing grease life	
Penetration DIN ISO 2137		ROF test	
60 strokes, 10 ⁻¹ mm	265–295	L ₅₀ life at 10 000 r/min., hrs	>700, at 220 °C (430 °F)
100 000 strokes, 10 ⁻¹ mm	271 ¹⁾	Evaporation losses	
		6 weeks at 200 °C, % weight losses	<3,5%
		Density	
		at 20 °C, g/cm ³	1,96
		NSF Reg. No.	156010

¹⁾Typical value

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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