

## LGED 2



### 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.

Note: the density of LGED 2 is about 1.9 g.cm<sup>3</sup>.  
This value is twice as high as the average density of a typical bearing grease.

## High temperature and harsh environment food grade grease

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
- NSF H1 registered

### 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

### Available pack sizes

Packsize	Designation
1 kg can	LGED 2/1



### Technical data

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

<sup>1)</sup> Typical value



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