

SKF Extreme temperature, extreme condition bearing grease

LGET 2

SKF LGET 2 is a synthetic fluorinated oil based grease, using a PTFE thickener. It is especially suitable for applications at extremely high temperatures from 200 °C (390 °F) up to 260 °C (500 °F).

- Long life in aggressive environments such as very reactive areas with a presence of high purity gaseous oxygen and hexane
- Excellent oxidation resistance
- Good corrosion resistance
- Excellent water and steam resistance

Typical applications

- Bakery equipment (ovens)
- Kiln truck wheels
- Load rollers in copying machines
- Wafer baking machines
- Textile dryers
- Film stretching tenders
- Electric motors running at extreme temperatures
- Emergency / hot fans
- Vacuum pumps



Important note:

LGET 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
50 g syringe	LGET 2/0.050
1 kg can	LGET 2/1



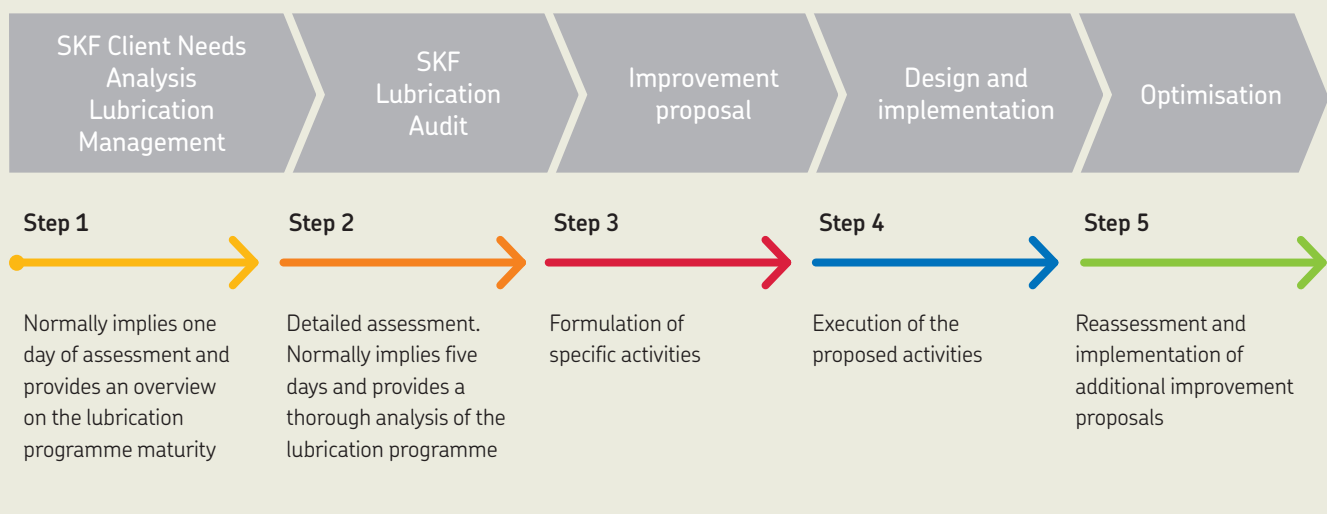
Technical data

Designation	LGET 2/(pack size)		
DIN 51825 code	KFK2U-40	Corrosion protection	
NLGI consistency class	2	Emcor:	
Thickener	PTFE	– standard ISO 11007	1–1 max.
Colour	Off white	Water resistance	
Base oil type	Synthetic (fluorinated polyether)	DIN 51 807/1, 3 hrs at 90 °C	0 max.
Operating temperature range	–40 to +260 °C (–40 to +500 °F)	Oil separation	
Dropping point DIN ISO 2176	>300 °C (>570 °F)	DIN 51 817, 7 days at 40 °C, static, %	13 max. 30 hrs at 200 °C (390 °F)
Base oil viscosity		Copper corrosion	
40 °C, mm ² /s	400	DIN 51 811	1 max. at 150 °C (300 °F)
100 °C, mm ² /s	38	Rolling bearing grease life	
Penetration DIN ISO 2137		RÖF test	>1 000 ¹⁾ at 220 °C (428 °F)
60 strokes, 10 ^{–1} mm	265–295	L ₅₀ life at 10 000 r/min., hrs	
Mechanical stability		EP performance	
Roll stability,		4-ball test,	
50 hrs at 80 °C, 10 ^{–1} mm	±30 max. 130 °C (265 °F)	welding load DIN 51350/4, N	8 000 min.

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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