

SKF Bearing Grease

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

- Kiln truck wheels
- Load rollers in copying machines
- Textile dryers
- Film stretching tenders
- Electric motors running at extreme temperatures
- Emergency / hot fans
- Vacuum pumps

Note: the density of LGET 2 is about 1.9 g.cm³. This value is twice as high as the average density of a typical bearing grease.



Available pack sizes

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



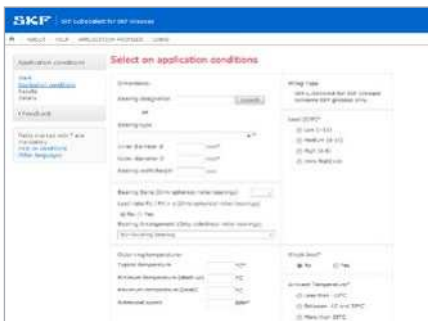
Important note:

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.

Technical data

Designation	LG2T 2/(pack size)		
DIN 51825 code	KFK2U-40	Corrosion protection	
NLGI consistency class	2	Emcor:	
Thickener	PTFE	– standard ISO 11007	1–1 max.
Colour	White	Water resistance	
Base oil type	PFPE	DIN 51 807/1,	
Operating temperature range	–40 to +260 °C (–40 to +500 °F)	3 hrs at 90 °C	0 max.
Dropping point DIN ISO 2176	>300 °C (>570 °F)	Oil separation	
Base oil viscosity		DIN 51 817,	
40 °C, mm ² /s	400	7 days at 40 °C, static, %	1–3
100 °C, mm ² /s	38	Copper corrosion	
Penetration DIN ISO 2137		DIN 51 811	1 max. at 150 °C (300 °F)
60 strokes, 10 ⁻¹ mm	265–295	Rolling bearing grease life	
Mechanical stability		ROF test	>1 000 ¹⁾ at 220 °C (428 °F)
Roll stability,		L ₅₀ life at 10 000 r/min., hrs	
50 hrs at 80 °C, 10 ⁻¹ mm	±30 max. 130 °C (265 °F)	EP performance	
		4–ball test,	8 000 min.
		welding load DIN 51350/4, N	
		Shelf life	5 years

These characteristics represent typical values.



Advanced tool for grease selection and relubrication calculation

LubeSelect for SKF greases

Selecting a suitable grease for a particular bearing is a crucial step if the bearing is to meet design expectations in its application. SKF knowledge about bearing lubrication has been encapsulated into a computer program that can be consulted at skf.com/lubeselect

LubeSelect for SKF greases provides you a user friendly tool to select the right grease and suggest frequency and quantity, while taking into account the particular conditions of your application. General guidelines for typical greases for different applications are also available.



Scan or click the QR code, or go to skf.com/lubeselect

skf.com | skf.com/lubrication | skf.com/mapro

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