



Re-lubrication



# SKF Product Data Sheet

## LGET 2

### SKF extreme temperature, extreme condition bearing grease

LGET 2 is premium quality, synthetic fluorinated oil based grease using a PTFE thickener. It has excellent lubrication properties at extremely high temperatures exceeding 200 °C (392 °F) up to 260 °C (500 °F).

- Long life in aggressive environments such as very reactive environments or areas with a presence of high purity gaseous oxygen, hexane and so on
- 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



#### Bearing operating conditions

Temperature	Very high
Speed	Low to medium
Load	High to very high
Vertical shaft	○
Fast outer ring rotation	+
Oscillating movements	+
Severe vibrations	○
Shock load or frequent start-up	○
Low noise	—
Low friction	—
Rust inhibiting properties	○

+ = Recommended    ○ = Suitable    — = Not suitable

#### Available pack sizes LGET 2

50 g (25 ml) syringe    1 kg can

#### Technical data

Designations	LGET 2	
DIN 51825 code	KFK2U-40	
NLGI consistency class	2	
Soap type	PTFE	
Colour	Whitish cream	
Base oil type	Synthetic	
Operating temperature range, °C (°F)	-40 to 260 (-40 to 500)	
Dropping point DIN ISO 2176, °C (°F)	> 300 (572)	
Base oil viscosity:		
40 °C, mm <sup>2</sup> /s	400	
100 °C, mm <sup>2</sup> /s	38	
Penetration DIN ISO 2137:		
60 strokes, 10 <sup>-1</sup> mm	265 - 295	
100 000 strokes, 10 <sup>-1</sup> mm	-	
Mechanical stability:		
Roll stability, 50 hrs at 80 °C, 10 <sup>-1</sup> mm	± 30 max. (130 °C/266 °F)	
Roll stability, 72 hrs at 100 °C, 10 <sup>-1</sup> mm	-	
SKF V2F test	-	
Corrosion protection:		
SKF Emcor		
- standard ISO 11007	1 - 1	
- water washout test	-	
- salt water test (100% seawater)	-	
Water resistance	DIN 51 807/1, 3 hrs at 90 °C	0 max.
Oil separation	DIN 51 817, 7 days at 40 °C, static, %	13 max. (30 hrs at 200 °C)
Lubrication ability	SKF R2F, running test B	-
Copper corrosion	DIN 51 811, 100 °C	1
Rolling bearing grease life	SKF R0F test L50 life at 10 000 rpm, hrs	>700, 5600 rpm* at 220 °C (428 °F)
EP performance	Wear scar DIN 51350/5, 1 400 N, mm 4-ball test, welding load DIN 51350/4	- 8 000 min.
Fretting corrosion	ASTM D4170 (mg)	
Designation		LGET 2/(pack size)
	* Typical value	

*Important note: Fluorinated greases in general are very costly, however the SKF LGET 2 is competitively priced. Given that LGET 2 is more expensive than other SKF greases, it is therefore recommended to use it only for applications where other SKF greases would not provide the required performance.*

#### SKF Maintenance Products

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