



Description

LGET 2 is high quality, long life bearing grease for extreme temperatures and/or aggressive environments where conventional bearing greases would not provide adequate lubrication. The grease is fully synthetic, with a synthetic fluorinated base oil combined with a PTFE thickening agent. LGET 2 can be used from -40°C (-40°F) upto 260°C (500°F). In addition the grease is a food grade lubricant, H2-FDA approved.

This grease is used in the pre-filling of SKF bearings under the product designation VT127.

Application

Fluorinated greases are used in aggressive environments as they are much more inert to such harsh conditions than conventional greases. These aggressive environments can be very reactive environments or areas with a presence of high purity gaseous oxygen, hexane etc.

- Bakery equipment (ovens)
- Kiln truck wheels
- Load rollers in copying machines
- Wafer baking machines
- Conveyor systems
- Textile dryers
- Film stretching tenders
- Electric motors
- Hot fans
- Pulp and Paper industry



Important Note

LGET 2 is a fluorinated grease and is Not Compatible with other greases, oils and preservatives. Therefore, very thorough cleaning of bearings and systems is essential before applying fresh grease.

Available pack sizes

50 ml syringe

1 kg can

Technical data

Designation	LGET 2/(packsize)		
DIN 51825 code	KFK2U-40		i
NLGI consistency class	2		i
Soap type	PTFE		i
Colour	whitish cream		i
Base oil type	synthetic (fluorinated polyether)		i
Operating temperature range, °C (°F)	-40 to 260 (-40 to 500)		i
Dropping point DIN ISO 2176, °C (°F)	>300 (572)		i
Base oil viscosity			
40 °C, mm ² /s	400		i
100 °C, mm ² /s	38		i
Penetration DIN ISO 2137			
60 strokes, 10 ⁻¹ mm	265-295		i
100,000 strokes, 10 ⁻¹ mm	-		i
Mechanical stability			
Roll stability, 50 hours at 80 °C, change 10 ⁻¹ mm	± 30 max. (130 °C/266 °F)		i
Roll stability, 72 hours at 100 °C, change 10 ⁻¹ mm	-		i
SKF V2F test	-		i
Corrosion protection			
SKF Emcor:	Standard ISO 11007	0 - 1	i
	Water washout test	-	i
	Salt water test (100% seawater)	-	i
Water resistance			
DIN 51 807/1, 3 hrs at 90 °C	1 max.		i
Oil separation			
DIN 51 817, 7 days at 40 °C, static, %	2 - 3		i
Lubricating ability			
SKF R2F, running test B	-		i
Copper corrosion			
DIN 51 811, 100 °C	1 (150 °C/300 °F)		i
Rolling bearing grease life			
SKF ROF test L50 life at 10 000 rpm, hrs	>700, 5 600 rpm at 220 °C (428 °F)		i
EP performance			
Wear scar, DIN 51350/5, 1 400 N, mm	-		i
Wear scar, DIN 51350/4, 1 400 N, mm	-		i

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