LGET 2 | SKF Extreme Temperature, Extreme Condition Bearing Grease

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. Therefore, very thorough cleaning of bearings and systems is essential before applying fresh grease (except when reapplying LGET 2).

Technical data

Designation	LGET 2/(pack size)
DIN 51825 code	KFK2U-40
NLGI consistency class	2
Soap type	PTFE
Colour	Off white
Base oil type	Synthetic (fluorinated polyether)
Operating temperature range	–40 to +260 °C (*–40 to +500 °F*)
Dropping point DIN ISO 2176	>300 °C (*>570 °F*)
Base oil viscosity 40 °C, mm²/s 100 °C, mm²/s	400 38
Penetration DIN ISO 2137 60 strokes, 10⁻¹ mm	265–295
Mechanical stability Roll stability, 50 hrs at 80 °C, 10⁻¹ mm	±30 max. 130 °C (*265 °F*)

Corrosion protection Emcor: – standard ISO 11007	1–1
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 (*390 °F*)
Copper corrosion DIN 51 811, 110 °C	1
Rolling bearing grease life ROF test L_{50} life at 10 000 r/min., hrs	>700, 5 600 r/min.* at 220 °C (*430 °F*)
EP performance 4–ball test, welding load DIN 51350/4, N	8 000 min.
Available pack sizes	50 g (*25 ml*) syringe 1 kg

* Typical value

SKF