

Description

SKF grease LGEV 2 is a high viscosity mineral oil based lithium-calcium soap thickened grease containing molybdenum disulphide, graphite and other non-lead EP additives. SKF grease LGEV 2 can be used from -10 °C (14 °F) and up to 120 °C (250 °F) still providing good lubrication.

Application

SKF grease LGEV 2 is suitable for the following applications:

- Trunnion bearings on rotating drums
- Support and thrust rollers on rotary kilns and dryers
- Bucket wheel excavators
- Slewing ring bearings
- High pressure roller mills

Benefits

With the inclusion of molybdenum disulphide and graphite solid safety lubricants LGEV 2 will continue to lubricate even if the oil film breaks down. For large sized spherical roller bearings subject to high loads and slow rotations, a situation where microslip occurs LGEV 2 is extremely suitable. LGEV 2 is extremely mechanically stable providing good water resistance and corrosion protection.



Available pack sizes

35 g tube	420 ml cartridge	5 kg can	18 kg can	50 kg drum	180 kg drum
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Technical data

		LGEV 2/(packsize)	
Designation		KPF2K-10	i
DIN 51825 code		2	i
NLGI consistency class		lithium-calcium	i
Soap type		black	i
Colour		mineral	i
Base oil type		-10 to 120 (14 to 250)	i
Operating temperature range, °C (°F)		>180 (356)	i
Dropping point DIN ISO 2176, °C (°F)			i
Base oil viscosity			i
40 °C, mm ² /s		1 020	
100 °C, mm ² /s		58	
Penetration DIN ISO 2137			i
60 strokes, 10 ⁻¹ mm		265 - 295	
100 000 strokes, 10 ⁻¹ mm		325 max.	
Mechanical stability			i
Roll stability, 72 hours at 100 °C, change 10 ⁻¹ mm		50 max.	
SKF V2F test		'M'	
Corrosion protection			i
SKF Emcor:	Standard ISO 11007	0 - 0	
	Water washout test	-	
	Salt water test (100% seawater)	0 - 0	
Water resistance			i
DIN 51 807/1, 3 hrs at 90 °C		1 max.	
Oil separation			i
DIN 51 817, 7 days at 40 °C, static, %		1 - 5	
Lubricating ability			i
SKF R2F, running test B		-	
Copper corrosion			i
DIN 51 811, 100 °C		1 max.	
Rolling bearing grease life			i
SKF R0F test L50 life at 10 000 rpm, hrs		-	
EP performance			i
Wear scar, DIN 51350/5, 1 400 N, mm		0,7	
4 ball test, welding load, DIN 51350/4		3 000 min.	

