



Description

SKF grease LGMT 3 is a mineral oil based lithium soap thickened grease. This premium quality, all purpose grease is suitable for a wide range of industrial and automotive applications.

Benefits

SKF grease LGMT 3 has excellent rust inhibiting properties and a high oxidation stability within its recommended temperature range.

Application

SKF grease LGMT 3 is suitable for the following applications:

- Bearings >100 mm shaft size
- Outer ring rotation
- Vertical shaft applications
- Continuous high ambient temperatures >35 °C
- Propeller shafts



Available pack sizes

420 ml cartridge	1 kg can	5 kg can	18 kg can	50 kg drum	180 kg drum
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Technical data

Designation	LGMT 3/(pack size)		
DIN 51825 code	K3K-30		i
NLGI consistency class	3		i
Soap type	lithium		i
Colour	amber		i
Base oil type	mineral		i
Operating temperature range, °C (°F)	-30 to 120 (-22 to 250)		i
Dropping point DIN ISO 2176, °C (°F)	180 min. (356 min.)		i
Base oil viscosity			i
40 °C, mm ² /s	120 - 130		
100 °C, mm ² /s	12		
Penetration DIN ISO 2137			i
60 strokes, 10 ⁻¹ mm	220 - 250		
100 000 strokes, 10 ⁻¹ mm	280 max.		
Mechanical stability			i
Roll stability, 50 hours at 80 °C, change 10 ⁻¹ mm	295 max.		
SKF V2F test	'M'		
Corrosion protection			i
SKF Emcor:	Standard ISO 11007	0 - 0	
	Water washout test	0 - 0	
	Salt water test (100% seawater)	-	
Water resistance			i
DIN 51 807/1, 3 hrs at 90 °C	2 max.		
Oil separation			i
DIN 51 817, 7 days at 40 °C, static, %	1 - 3		
Lubricating ability			i
SKF R2F, running test B at 120 °C	pass 140 °C (284 °F)		
Copper corrosion			i
DIN 51 811, 100 °C	2 max. (130 °C/266 °F)		
Rolling bearing grease life			i
SKF R0F test L50 life at 10 000 rpm, hrs	1 000 min at 130 °C (266 °F)		
EP performance			i
Wear scar, DIN 51350/5, 1 400 N, mm	-		
4 ball test, welding load, DIN 51350/4	-		

