



[Mechanical tools](#)

[Heaters](#)

[Instruments](#)

[Lubricants](#)

[Lubricators](#)

[Hydraulic tools](#)

[Demo units](#)

[Index](#)

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

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 ROF test L50 life at 10 000 rpm, hrs	1 000 min. at 130 °C (266 °F)	

EP performance [i](#)

Wear scar, DIN 51 507/5, 1 400 N, mm²
 4 ball test, welding load, DIN 51 507/4

