

General purpose industrial bearing grease

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

- Excellent rust inhibiting properties.
- High oxidation stability within its recommended temperature range.

Typical applications

- Bearings >100 mm (3.9 in.) shaft size.
- Outer bearing ring rotation.
- Vertical shaft applications.
- Continuous high ambient temperatures >35 °C (95 °F).
- Propeller shafts.
- Agricultural equipment.
- Large electric motors.



Available pack sizes

Pack size	Designation
420 ml cartridge	LGMT 3.0,4
0,5 kg can	LGMT 3/0.5
1 kg can	LGMT 3/1
5 kg can	LGMT 3/5
18 kg pail	LGMT 3/18
50 kg drum	LGMT 3/50
180 kg drum	LGMT 3/180

Electro-mechanical lubricant dispensers

TLMR 101 series 380 ml refill (incl. battery)	LGMT 3/MR380B
TLMR 201 series 380 ml refill	LGMT 3/MR380



Technical data	
Designation	LGMT 3/(pack size)
DIN 51825 code	K3K-30
NLGI consistency class	3
Thickener	Lithium
Colour	Amber
Base oil type	Mineral
Operating temperature range	-30 to +120 °C (-20 to +250 °F)
Dropping point DIN ISO 2176	>180 °C (>355 °F)
Base oil viscosity	
40 °C, mm ² /s	125
100 °C, mm ² /s	12
Penetration DIN ISO 2137	
60 strokes, 10 ⁻¹ mm	220-250
100 000 strokes, 10 ⁻¹ mm	280 max.
Mechanical stability	
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	296 max.
V2F test	'M'
Corrosion protection	
Emcor:	
– standard ISO 11007	0-0
– water washout test	0-0
Water resistance	
DIN 51 807/1, 3 hrs at 90 °C	1 max.
Oil separation	
DIN 51 817, 7 days at 40 °C, static, %	1-3
Lubrication ability	
R2F, running test B at 120 °C	Pass
Copper corrosion	
DIN 51 811	2 max. at 130 °C (265 °F)
Rolling bearing grease life	
R0F test L ₅₀ life at 10 000 r/min., hrs	1 000 min. at 130 °C (265 °F)
Shelf life	5 years

These characteristics represent typical values.