



LGMT 3TH

General purpose industrial and automotive bearing grease

LGMT 3TH is a mineral oil based lithium soap thickened grease with excellent thermo-mechanical stability within its operating temperature range. This premium quality, general purpose grease is suitable for a wide range of industrial and automotive applications.



- Excellent oxidation stability
- Good mechanical stability
- Excellent water resistance and rust inhibiting properties

Typical applications:

- Bearings >100 mm (3,9 in) shaft size
- Vertical shaft applications
- Continuous high ambient temperatures >35 °C
- Propeller shafts
- Agricultural equipment
- Car, truck and trailer wheel bearings
- Large electric motors
- Industrial fans

Bearing operating conditions

Temperature	Medium
Speed	Medium
Load	Low to Medium
Vertical shaft	+
Fast outer ring rotation	-
Oscillating movements	-
Severe vibrations	○
Shock load or frequent start-up	-
Low noise	-
Low friction	○
Rust inhibiting properties	+

+ = Recommended ○ = Suitable - = Not suitable

Available pack sizes LGMT 3TH

2 kg can	5 kg can	15 kg can
180 kg drum		

Technical data

Designations	LGMT 3TH		
DIN 51825 code	K3K-15	Water resistance	washout, JIS K 2220_5.12 typical value 6
NLGI consistency class	3	Water content	JIS K 2220_5.12 max. 0,2
Soap type	Lithium	Oil separation	JIS K 2220_5.7, % 0,05 - 0,3
Colour	Yellow	Copper corrosion	JIS K 2220_5.5 max. 2
Base oil type	Mineral	Rolling bearing grease life	SKF R0F test L50 life at 10 000 rpm and 120 °C, hrs min. 1000
Operating temperature range, °C (°F)	-15 to 120 (5 to 250)	EP performance	Four ball weld load ASTM D2596, Kgf typical value 160 Four ball wear scar ASTM D2266, mm typical value 0,57
Dropping point, °C	180 min.	Designations	2 kg can LGMT 3TH/2 5 kg can LGMT 3TH/5 15 kg can LGMT 3TH/15 180 kg can LGMT 3TH/180
Base oil viscosity:			
40 °C, mm ² /s	170		
100 °C, mm ² /s	13,3		
Unworked penetration ASTM D217:	60 strokes, 10 ⁻¹ mm 220 - 250		
Worked stability ASTM D217:	100 000 strokes, 10 ⁻¹ mm max. +50		
Corrosion prevention, ASTM D 1743:	pass		
For more information:	www.mapro.skf.com/thai		



Re-lubrication



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SKF Maintenance Products

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