

SKF General purpose industrial and automotive bearing grease

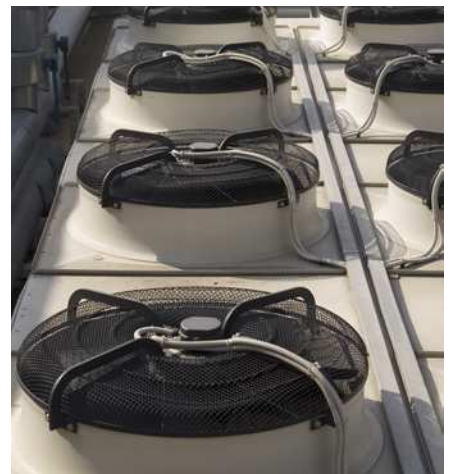
LGMT 3

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 and automotive 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
- Car, truck and trailer wheel bearings
- Large electric motors



Available pack sizes

Packsizes	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

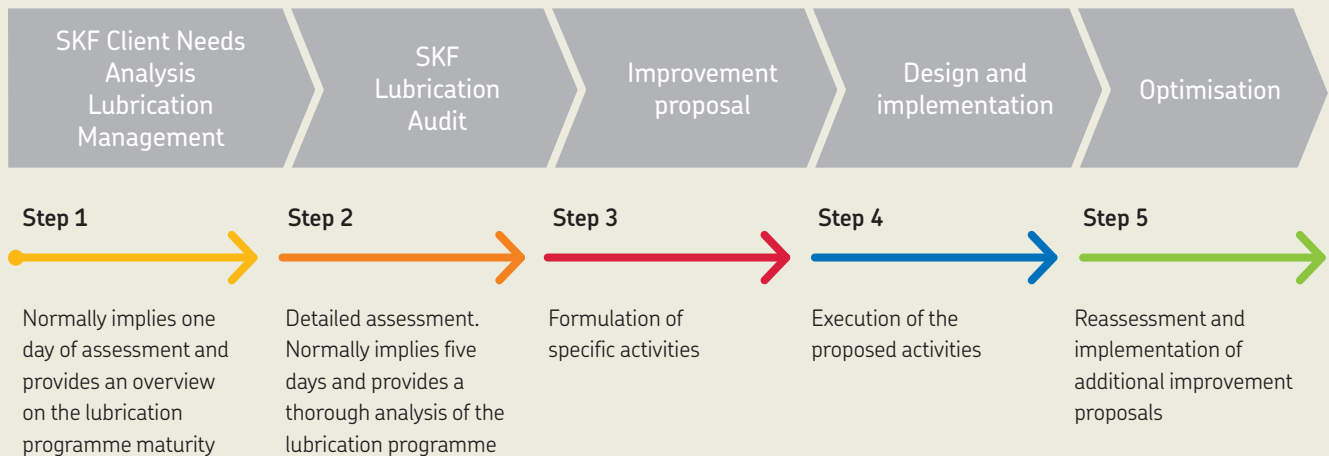


Technical data

Designation	LGMT 3/(pack size)		
DIN 51825 code	K3K-30	Corrosion protection	
NLGI consistency class	3	Emcor: – standard ISO 11007	0–0
Thickener	Lithium	– water washout test	0–0
Colour	Amber	Water resistance	
Base oil type	Mineral	DIN 51 807/1,	
Operating temperature range	–30 to +120 °C	3 hrs at 90 °C	2 max.
	(–20 to +250 °F)	Oil separation	
Dropping point DIN ISO 2176	>180 °C (>355 °F)	DIN 51 817,	
		7 days at 40 °C, static, %	1–3
Base oil viscosity		Lubrication ability	
40 °C, mm ² /s	125	R2F,	
100 °C, mm ² /s	12	running test B at 120 °C	Pass
Penetration DIN ISO 2137		Copper corrosion	
60 strokes, 10 ⁻¹ mm	220–250	DIN 51 811	2 max. at 130 °C (265 °F)
100 000 strokes, 10 ⁻¹ mm	280 max.	Rolling bearing grease life	
Mechanical stability		R0F test	1 000 min. at 130 °C
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	295 max.	L ₅₀ life at 10 000 r/min., hrs	(265 °F)
V2F test	'M'		

Lubrication management

Just as asset management takes maintenance to a higher level, a lubrication management approach allows lubrication to be seen from a wider point of view. This approach helps to effectively increase machine reliability at a lower overall cost.



skf.com | mapro.skf.com | skf.com/lubrication

© SKF is a registered trademark of the SKF Group.

© SKF Group 2017

The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) unless prior written permission is granted. Every care has been taken to ensure the accuracy of the information contained in this publication but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

PUB MP/P8 12053/2 EN · June 2017

Certain image(s) used under license from Shutterstock.com.