

# 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

Packsize	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



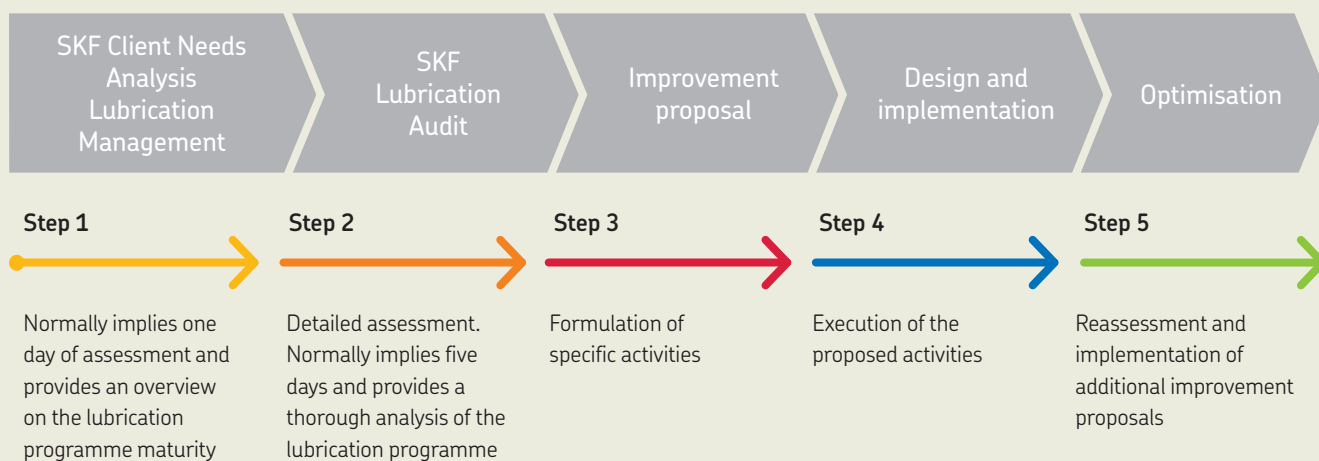
## Technical data

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 (–20 to +250 °F)	3 hrs at 90 °C	1 max. <sup>1)</sup>
Dropping point DIN ISO 2176	>180 °C (>355 °F)	Oil separation	
Base oil viscosity		DIN 51 817,	
40 °C, mm <sup>2</sup> /s	125	7 days at 40 °C, static, %	1–3
100 °C, mm <sup>2</sup> /s	12	Lubrication ability	
Penetration DIN ISO 2137		R2F,	
60 strokes, 10 <sup>–1</sup> mm	220–250	running test B at 120 °C	Pass
100 000 strokes, 10 <sup>–1</sup> mm	280 max.	Copper corrosion	
Mechanical stability		DIN 51 811	2 max. at 130 °C (265 °F)
Roll stability, 50 hrs at 80 °C, 10 <sup>–1</sup> mm	295 max.	Rolling bearing grease life	
V2F test	'M'	R0F test	1 000 min. at 130 °C (265 °F)
		L <sub>50</sub> life at 10 000 r/min., hrs	

<sup>1)</sup> Typical value

## 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](http://skf.com) | [mapro.skf.com](http://mapro.skf.com) | [skf.com/lubrication](http://skf.com/lubrication)

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