

# 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

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

These characteristics represent typical values.