

SKF Bearing Grease

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

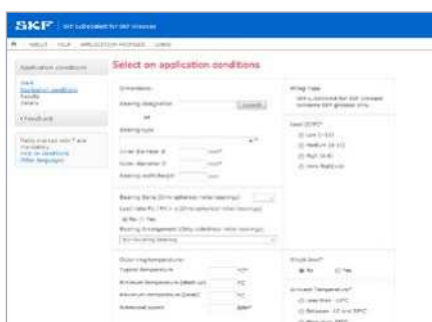
Packsize	Designation
420 ml cartridge	LGMT 3.0,4
0,5 kg can	LGMT 3/0.5
1 kg can	LGMT 3/1
5 kg can	LGMT 3/5
18 kg pail	LGMT 3/18
50 kg drum	LGMT 3/50
180 kg drum	LGMT 3/180
Electro-mechanical lubricant dispensers	
TLMR 101 series 380 ml refill (incl. battery)	LGMT 3/MR380B
TLMR 201 series 380 ml refill	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.
Dropping point DIN ISO 2176	>180 °C (>355 °F)	Oil separation	
Base oil viscosity		DIN 51 817,	
40 °C, mm ² /s	125	7 days at 40 °C, static, %	1–3
100 °C, mm ² /s	12	Lubrication ability	
Penetration DIN ISO 2137		R2F,	
60 strokes, 10 ^{–1} mm	220–250	running test B at 120 °C	Pass
100 000 strokes, 10 ^{–1} 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 ^{–1} mm	295 max.	Rolling bearing grease life	
V2F test	'M'	R0F test	1 000 min. at 130 °C (265 °F)
		L ₅₀ life at 10 000 r/min., hrs	
		Shelf life	5 years

These characteristics represent typical values.



Advanced tool for grease selection and relubrication calculation

LubeSelect for SKF greases

Selecting a suitable grease for a particular bearing is a crucial step if the bearing is to meet design expectations in its application. SKF knowledge about bearing lubrication has been encapsulated into a computer program that can be consulted at skf.com/lubeselect

LubeSelect for SKF greases provides you a user friendly tool to select the right grease and suggest frequency and quantity, while taking into account the particular conditions of your application. General guidelines for typical greases for different applications are also available.



Scan or click the QR code, or go to skf.com/lubeselect

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

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