

SKF 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.

SKF LGMT 3 is the most widely used grease suitable for car, bus, truck and trailer wheel bearings.

- Excellent rust inhibiting properties
- High oxidation stability within its recommended temperature range
- Good mechanical stability
- Suitable for applications running at continuous ambient temperatures > 35 °C
- Can withstand high operating temperatures of continuous +120 °C
- Dropping point > 180 °C



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



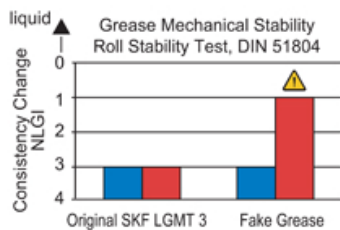
Technical data

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	2 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,	Pass
60 strokes, 10 ⁻¹ mm	220-250	running test B at 120 °C	
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	

Be aware of fake SKF Grease



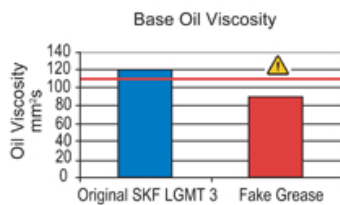
Warning: The grease inside the fake LGMT 3/1 can, tested in the SKF laboratory, does not meet SKF specifications of LGMT 3 grease and is not suitable for truck wheel bearing application since it increases dramatically a chance of early and sudden bearing failure and can consequently lead to a road accident.



Very low mechanical stability of the fake grease means grease leakage and lubricant starvation causing early bearing failure and consequently increasing a risk of road accident.



Genuine SKF LGMT 3 Grease Can



Low viscosity of the fake grease (below the required value of 110 mm²/s) means a low wear protection causing early bearing failure and consequently increasing a risk of road accident.

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