

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 $> 35^{\circ}\text{C}$
- Can withstand high operating temperatures of continuous $+120^{\circ}\text{C}$
- Dropping point $> 180^{\circ}\text{C}$



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

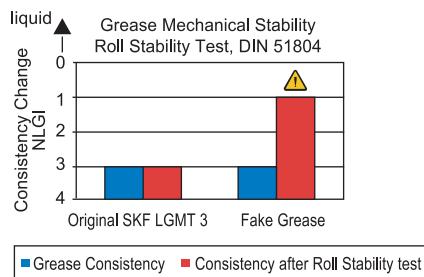


Technical data			
Designation	LGMT 3/(pack size)		
DIN 51825 code	K3K-30	Corrosion protection	
NLGI consistency class	3	Emcor: – standard ISO 11007 – water washout test	0-0 0-0
Thickener	Lithium	Water resistance	
Colour	Amber	DIN 51 807/1, 3 hrs at 90 °C	2 max.
Base oil type	Mineral	Oil separation	
Operating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

Be aware of fake SKF Grease



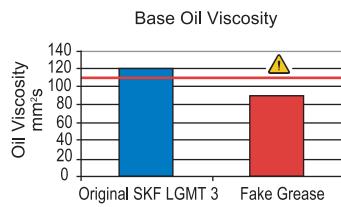
Warning: The grease inside the fake LGMT 3/1 can, tested in the SKF laboratory, does not meet SKF specifications of LGMT 3 grease and is not suitable for truck wheel bearing application since it increases dramatically a chance of early and sudden bearing failure and can consequently lead to a road accident.



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.