

LGMT 3

SKF General Purpose Industrial and Automotive 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 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



Technical data

Designation	LGMT 3/(pack size)
DIN 51825 code	K3K-30
NLGI consistency class	3
Soap type	Lithium
Colour	Amber
Base oil type	Mineral
Operating temperature range	-30 to +120 °C (-20 to +250 °F)
Dropping point DIN ISO 2176	>180 °C (>355 °F)
Base oil viscosity	
40 °C, mm ² /s	120-130
100 °C, mm ² /s	12
Penetration DIN ISO 2137	
60 strokes, 10 ⁻¹ mm	220-250
100 000 strokes, 10 ⁻¹ mm	280 max.
Mechanical stability	
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	295 max.
V2F test	'M'

Corrosion protection	
Emcor: – standard ISO 11007	0-0
– water washout test	0-0
Water resistance	
DIN 51 807/1, 3 hrs at 90 °C	2 max.
Oil separation	
DIN 51 817, 7 days at 40 °C, static, %	1-3
Lubrication ability	
R2F, running test B at 120 °C	Pass
Copper corrosion	
DIN 51 811, 110 °C	2 max. at 130 °C (265 °F)
Rolling bearing grease life	
ROF test	1 000 min. at 130 °C (265 °F)
L ₅₀ life at 10 000 r/min., hrs	
Available pack sizes	420 ml cartridge 0,5, 1, 5, 18, 50, 180 kg TLMR