



Re-lubrication



SKF Product Data Sheet

LGMT 2

SKF general purpose industrial and automotive bearing grease

LGMT 2 is mineral oil based lithium soap thickened grease with excellent thermal stability within its operating temperature range. This premium quality, general purposes grease is suitable for a wide range of industrial and automotive applications.

- Excellent oxidation stability
- Good mechanical stability
- Excellent water resistance and rust inhibiting properties

Typical applications:

- Agricultural equipment
- Automotive wheel bearings
- Conveyors
- Small electric motors
- Industrial fans



Bearing operating conditions

Temperature	Medium
Speed	Medium
Load	Low to Medium
Vertical shaft	○
Fast outer ring rotation	—
Oscillating movements	—
Severe vibrations	+
Shock load or frequent start-up	—
Low noise	—
Low friction	○
Rust inhibiting properties	+

+ = Recommended ○ = Suitable — = Not suitable

Available pack sizes LGMT 2

	35 g tube	200 g tube
420 ml cartridge	1 kg can	5 kg can
18 kg can	50 kg drum	180 kg drum

Technical data

Designations	LGMT 2	
DIN 51825 code	K2K-30	
NLGI consistency class	2	
Soap type	Lithium	
Colour	Red brown	
Base oil type	Mineral	
Operating temperature range, °C (°F)	-30 to 120 (-22 to 250)	
Dropping point DIN ISO 2176, °C (°F)	180 min. (356 min.)	
Base oil viscosity:		
40 °C, mm ² /s	110	
100 °C, mm ² /s	11	
Penetration DIN ISO 2137:		
60 strokes, 10 ⁻¹ mm	265 - 295	
100 000 strokes, 10 ⁻¹ mm	+50 max. (325 max.)	
Mechanical stability:		
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm SKF V2F test	+ 50 max. 'M'	
Corrosion protection: SKF Emcor:		
- standard ISO 11007	0 - 0	
- water washout test	0 - 0	
- salt water test (100% seawater)	0 - 1*	
Water resistance		
DIN 51 807/1, 3 hrs at 90 °C		1 max.
Oil separation		
DIN 51 817, 7 days at 40 °C, static, %		1 - 6
Lubrication ability		
SKF R2F, running test B at 120 °C		Pass
Copper corrosion		
DIN 51 811, 110 °C		2 max. (130 °C / 266 °F)
Rolling bearing grease life		
SKF R0F test L50 life at 10 000 rpm, hrs		-
EP performance		
Wear scar DIN 51350/5, 1 400 N, mm		-
4-ball test, welding load DIN 51350/4		-
Fretting corrosion		
ASTM D4170 (mg)		-
Designation		LGMT 2/(pack size)

* Typical value

SKF Maintenance Products

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