

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



Re-lubrication



Technical data

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

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