

Automotive bearing grease

LGWG 3

SKF LGWG 3 is a premium quality mineral oil based, special lithium grease. LGWG 3 is extremely thermally stable within its operating temperature range and up to 150 °C (302 °F) for intermittent operation, which makes it suitable in wheel bearings of vehicles fitted with disc brakes.

Benefits

- Excellent lubrication at continuous temperatures at 140 °C (284 °F) and peak temperatures up to 150 °C (302 °F) for short periods
- Protection of wheel bearings operating under severe conditions
- Effective lubrication in wet conditions
- Excellent water resistance and corrosion protection

Typical applications

- Cars
- Trailers
- Trucks
- Agricultural equipment



Available pack sizes

Packsize	Designation
1 kg can	LGWG 3/1
5 kg can	LGWG 3/5
18 kg pail	LGWG 3/18
180 kg drum	LGWG 3/180



Technical data

Designation	LGWG 3/(pack size)		
DIN 51825 code	K3N-30	Corrosion protection	
NLGI consistency class	3	Emcor: – standard ISO 11007	0-0
Thickener	Special lithium	– water wash out	0-0
Colour	Blue	Water resistance	
Base oil type	Mineral	DIN 51 807/1, 3 hrs at 90 °C	1 *
Operating temperature range	-30 to +140 °C (-20 to +284 °F)	Oil separation	
Dropping point DIN ISO 2176	>185 °C (>365 °F)	DIN 51 817, 7 days at 40 °C, static %	1-2
Base oil viscosity		Lubrication ability	
40 °C, mm ² /s	125	R2F at 140 °C	Pass
100 °C, mm ² /s	12	Copper corrosion	
Penetration DIN ISO 2137		DIN 51 811	1 * max. at 130°C (265 °F)
60 strokes, 10 ⁻¹ mm	220-250	Rolling bearing grease life	
100 000 strokes, 10 ⁻¹ mm	270 *	ROF test	
Mechanical stability		L ₅₀ life at 10 000 r/min., hrs	1 000 min. at 130 °C (265 °F)
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	285 *		
V2F test	'M'		

* Typical value

Also available from SKF



Battery-driven grease gun TLGB 20



Grease pump for 18 kg cans LAGG 18M



Mobile grease pump for 18 kg cans LAGG 18AE



Grease pump for 180 kg drums LAGG 180AE



Grease filler pumps LAGF 18 and LAGF 50



Bearing packer VKN 550

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