

High load, extreme pressure, wide temperature range bearing grease

LGWA 2

SKF LGWA 2 is a premium quality mineral oil based, lithium complex grease with extreme pressure (EP) performance. LGWA 2 is recommended for general industrial and automotive applications, when loads or temperatures exceed the range of general purpose greases.

- Excellent lubrication at peak temperatures up to 220 °C (430 °F) for short periods
- Protection of wheel bearings operating under severe conditions
- Effective lubrication in wet conditions
- Good water and corrosion resistance
- Excellent lubrication under high loads and low speeds

Typical applications

- Wheel bearings in cars, trailers and trucks
- Washing machines
- Fans and electric motors



Available pack sizes

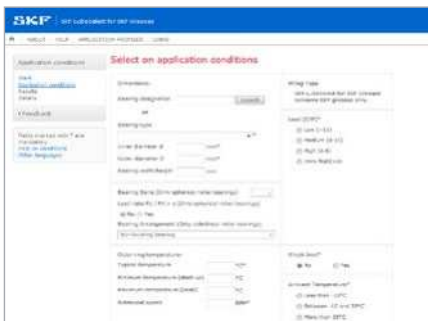
Packsize	Designation	Packsize	Designation
200 g tube	LGWA 2/0.2	Electro-mechanical lubricators	
420 ml cartridge	LGWA 2/0.4	TLSD series 125 ml	TLSD 125/WA2
1 kg can	LGWA 2/1	TLSD series 125 ml refill	LGWA 2/SD125
5 kg can	LGWA 2/5	TLSD series 250 ml	TLSD 250/WA2
18 kg pail	LGWA 2/18	TLSD series 250 ml refill	LGWA 2/SD250
50 kg drum	LGWA 2/50	Electro-mechanical lubricant dispensers	
180 kg drum	LGWA 2/180	TLMR 101 series 120 ml refill (incl. battery)	LGWA 2/MR120B
Gas driven lubricators		TLMR 201 series 120 ml refill	LGWA 2/MR120
LAGD series 60 ml	LAGD 60/WA2	TLMR 101 series 380 ml refill (incl. battery)	LGWA 2/MR380B
LAGD series 125 ml	LAGD 125/WA2	TLMR 201 series 380 ml refill	LGWA 2/MR380



Technical data

Designation	LGWA 2/(pack size)		
DIN 51825 code	KP2N-30	Corrosion protection	
NLGI consistency class	2	Emcor: – standard ISO 11007	0–0
Thickener	Lithium complex	– water washout test	0–0
Colour	Amber	Water resistance	
Base oil type	Mineral	DIN 51 807/1, 3 hrs at 90 °C	1 max.
Operating temperature range	–30 to +140 °C (–20 to +285 °F)	Oil separation	
Dropping point DIN ISO 2176	>250 °C (>480 °F)	DIN 51 817, 7 days at 40 °C, static, %	1–5
Base oil viscosity		Lubrication ability	
40 °C, mm ² /s	250	R2F, running test B at 120 °C	Pass at 140 °C (284 °F)
100 °C, mm ² /s	17	Copper corrosion	
Penetration DIN ISO 2137		DIN 51 811	2 max. at 100 °C (210 °F)
60 strokes, 10 ⁻¹ mm	265–295	EP performance	
100 000 strokes, 10 ⁻¹ mm	+50 max. (325 max.)	Wear scar DIN 51350/5, 1 400 N, mm	1.8 max.
Mechanical stability		4–ball test, welding load DIN 51350/4, N	2 600 min.
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	+50 max. change	Rolling bearing grease life	
V2F test	'M'	ROF test, L50 life at 10 000 r/min., hrs	1 000 min. at 130 °C (265 °F)
		Shelf life	5 years

These characteristics represent typical values.



Advanced tool for grease selection and relubrication calculation

LubeSelect for SKF greases

Selecting a suitable grease for a particular bearing is a crucial step if the bearing is to meet design expectations in its application. SKF knowledge about bearing lubrication has been encapsulated into a computer program that can be consulted at skf.com/lubeselect

LubeSelect for SKF greases provides you a user friendly tool to select the right grease and suggest frequency and quantity, while taking into account the particular conditions of your application. General guidelines for typical greases for different applications are also available.



Scan or click the QR code, or go to skf.com/lubeselect

skf.com | skf.com/lubrication | skf.com/mapro

© SKF is a registered trademark of the SKF Group.

© SKF Group 2022. All rights reserved. Please note that this publication may not be copied or distributed, in whole or in part, unless prior written permission is granted.

Every care has been taken to ensure the accuracy of the information contained in this publication, but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

PUB MP/P8 12054/4 EN · November 2023

Certain image(s) used under license from Shutterstock.com.