

SKF 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
- Fan 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



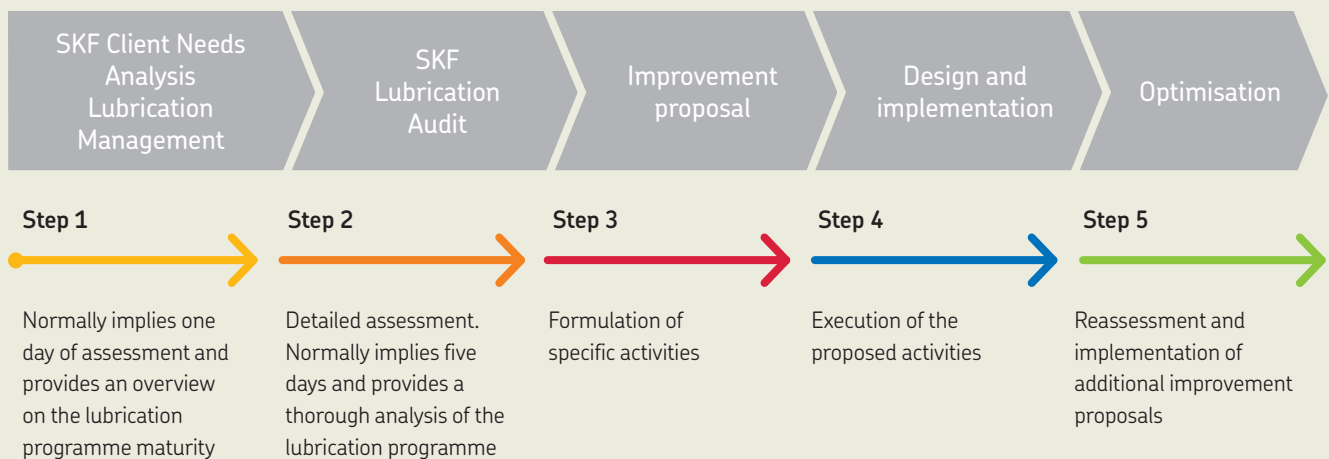
Technical data

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 ¹⁾
Colour	Amber	Water resistance	
Base oil type	Mineral	DIN 51 807/1,	
Operating temperature range	–30 to +140 °C (–20 to +285 °F)	3 hrs at 90 °C	1 max.
Dropping point DIN ISO 2176	>250 °C (>480 °F)	Oil separation	
Base oil viscosity		DIN 51 817,	
40 °C, mm ² /s	185	7 days at 40 °C, static, %	1–5
100 °C, mm ² /s	15	Lubrication ability	
Penetration DIN ISO 2137		R2F,	
60 strokes, 10 ⁻¹ mm	265–295	running test B at 120 °C	Pass at 100 °C (210 °F)
100 000 strokes, 10 ⁻¹ mm	+50 max. (325 max.)	Copper corrosion	
Mechanical stability		DIN 51 811	2 max. at 100 °C (210 °F)
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	+50 max. change	EP performance	
V2F test	'M'	Wear scar DIN 51350/5, 1 400 N, mm	1,6 max.
		4–ball test, welding load DIN 51350/4, N	2 600 min.

¹⁾ Typical value

Lubrication management

Just as asset management takes maintenance to a higher level, a lubrication management approach allows lubrication to be seen from a wider point of view. This approach helps to effectively increase machine reliability at a lower overall cost.



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

© SKF is a registered trademark of the SKF Group.

© SKF Group 2017

The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) 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 12054/2 EN · June 2017

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