

SKF High load, wide temperature bearing grease

LGWM 2

SKF LGWM 2 is a synthetic-mineral oil based grease using the latest complex calcium sulphonate thickener technology. It is suitable for applications subjected to high loads, wet environments and fluctuating temperatures.

- Excellent corrosion protection
- Excellent mechanical stability
- Excellent high load lubricating capacity
- Good false brinelling protection
- Good pumpability down to low temperatures

Typical applications

- Wind turbine mains shafts
- Heavy duty off road applications
- Snow exposed applications
- Marine and offshore applications
- Spherical roller thrust bearing applications



Available pack sizes

Packsize	Designation	Packsize	Designation
420 ml cartridge	LGWM 2/0.4	Electro-mechanical lubricant dispensers	
5 kg can	LGWM 2/5	TLMR 101 series 380 ml refill (incl. battery)	LGWM 2/MR380B
18 kg pail	LGWM 2/18	TLMR 201 series 380 ml refill	LGWM 2/MR380
50 kg drum	LGWM 2/50		
180 kg drum	LGWM 2/180		
Gas driven lubricator			
LAGD series 125 ml	LAGD 125/WM2		



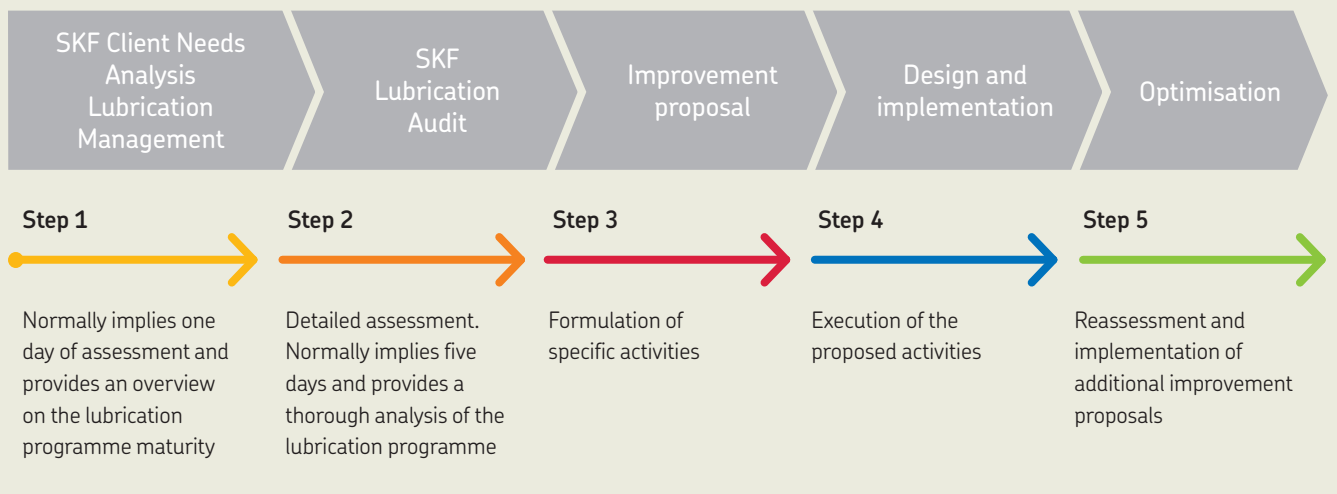
Technical data

Designation	LGWM 2/(pack size)			
DIN 51825 code	KP2G-40	Water resistance	DIN 51 807/1, 3 hrs at 90 °C	1 max.
NLGI consistency class	1-2	Oil separation	DIN 51 817, 7 days at 40 °C, static, %	3 max.
Thickener	Complex calcium sulphonate	Lubrication ability	R2F, running test B at 120 °C	Pass at 140 °C (285 °F)
Colour	Yellow		R2F, Cold chamber test (+20 °C)	Pass
Base oil type	Synthetic (PAO)/ Mineral		R2F, Cold chamber test (-30 °C)	Pass
Operating temperature range	-40 to +110 °C (-40 to +230 °F)	Copper corrosion	DIN 51 811	2 max. at 100 °C (210 °F)
Dropping point DIN ISO 2176	>300 °C (>570 °F)	Rolling bearing grease life	ROF test	1 824 ¹⁾ at 110 °C (230 °F)
Base oil viscosity		EP performance	Wear scar DIN 51350/5, 1 400 N, mm	1,5 max. ¹⁾
40 °C, mm ² /s	80		4-ball test, welding load DIN 51350/4, N	4 000 min. ¹⁾
100 °C, mm ² /s	8,6	Fretting corrosion	ASTM D4170 FAFNIR test at +25 °C, mg	5,2 ¹⁾
Penetration DIN ISO 2137			ASTM D4170 FAFNIR test at -20 °C, mg	1,1 ¹⁾
60 strokes, 10 ⁻¹ mm	280-310			
100 000 strokes, 10 ⁻¹ mm	+30 max.			
Mechanical stability				
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	+50 max.			
Corrosion protection				
Emcor: - standard ISO 11007	0-0			
- water washout test	0-0			
- salt water test (100% seawater)	0-0 ¹⁾			

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 12056/2 EN · June 2017

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