

# High load, water resistant, high temperature bearing grease

## LGHC 2

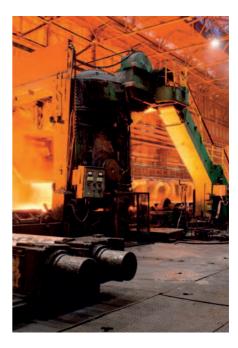
LGHC 2 is a mineral oil based grease based on calcium sulphonate complex technology. It is formulated to withstand high loads, large amounts of water and high temperatures. It is most suitable for heavy applications, especially in the cement, mining and metals segments.

- Good mechanical stability
- Excellent corrosion protection
- Excellent high load lubricating capacity

#### Typical applications

- Roll stands in metallurgical industry
- Continuous casters
- Vibrating screens
- Ball mills bearings

Available pack sizes		
Packsize	Designation	
50 kg drum	LGHC 2/50	
180 kg drum	LGHC 2/180	





Technical data			
Designation	LGHC 2/(pack size)		
DIN 51825	KP2N-20	Corrosion protection	
NLGI consistency class	2	Emcor: – standard ISO 11007 – salt water test (100% sea water)	0–0 0–1
Soap type	Complex calcium sulphonate	Water resistance DIN 51 807/1,	0-1
Colour	Brown	3 hrs at 90 °C	1 max.
Base oil type	Mineral	Water wash out ASTM D1294, %	2 max.
Operating temperature range	–20 to +140 °C (–4 to +284 °F)	Oil separation DIN 51 817,	2*
Dropping point, DIN ISO 2176	>280 °C (>536 °F)	7 days at 40 °C, static, %	2*
Base oil viscosity 40 °C. mm²/s	450	Lubrication ability R2F, running test B at 120 °C	Pass at 140 °C
100 °C, mm <sup>2</sup> /s	31	Copper corrosion DIN 51 811, 100 °C	1b max.
Penetration DIN ISO 2137 60 strokes, 10 <sup>-1</sup> mm 100 000 strokes, 10 <sup>-1</sup> mm	265-295 +30 max.	EP performances Wear scar, DIN 51350/5, 1 400 N, mm Weld load, DIN 51350/4, N	1.2* 4 000*
<b>Mechanical stability</b> Roll stability, 50 hrs at 80 °C, 10 <sup>-1</sup> mm	–20 to +30 max.	Available pack sizes	50, 180 kg

\* Typical value

### 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 17079 EN · August 2017

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