

High load, water resistant, high temperature bearing grease

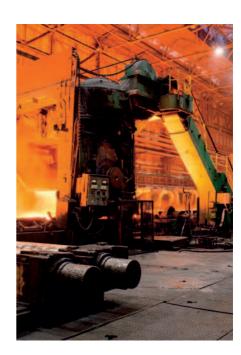
LGHC 2

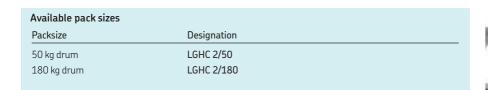
LGHC 2 is a mineral oil based grease based on calcium sulphonate complex technology. It is formulated to withstand high loads, large amounts of water and high temperatures. It is most suitable for heavy applications, especially in the cement, mining and metals segments.

- · 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







Designation	LGHC 2/(pack size)		
DIN 51825	KP2N-20	Corrosion protection	
NLGI consistency class	2	Emcor: – standard ISO 11007	0–0 0–1
Soap type	Complex calcium sulphonate	– salt water test (100% sea water) Water resistance DIN 51 807/1, 3 hrs at 90 °C Water wash out ASTM D1264, %	0-1
Colour	Brown		1 max.
Base oil type	Mineral		2 max.
Operating temperature range	−20 to +140 °C (−4 to +284 °F)	Oil separation DIN 51 817,	24
Dropping point, DIN ISO 2176	>280 °C (>536 °F)	7 days at 40 °C, static, %	2*
Base oil viscosity		Lubrication ability R2F, running test B at 120 °C	Pass at 140 °C
40 °C, mm²/s 100 °C, mm²/s	450 31	Copper corrosion DIN 51 811, 100 °C	1b max.
Penetration DIN ISO 2137 60 strokes, 10^{-1} mm 100000 strokes, 10^{-1} 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*
Mechanical stability Roll stability, 50 hrs at 80 °C, 10-1 mm	–20 to +30 max.	Available pack sizes	50, 180 kg

^{*} Typical value

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PUB MP/P8 17079 EN • August 2017

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