## LGHB 2

## SKF high load, high temperature, high viscosity bearing grease

LGHB 2 is a premium quality, high viscosity, mineral oil based grease using the latest complex calcium, sulphonate soap technology. This grease contains no additives and the extreme pressure characteristics are created within the soap structure.

- Excellent anti-oxidation and anti-corrosion properties
- Good EP performance in applications running at high loads

## Typical applications:

- Steel on steel plain bearings
- Pulp and paper making machines
- Asphalt vibrating screens
- Continuous casting machines
- Sealed spherical roller bearings operating up to 150 °C (302 °F)
- Withstands peak temperatures of 200 °C (392 °F)
- Work roll bearings in steel industry
- Mast rollers of fork lift trucks

SYSTEM 24

18 kg can

Bearing operating	conditions	
Temperature		Medium to high
Speed		Very low to medium
Load		High to very high
Vertical shaft		0
Fast outer ring rotation		+
Oscillating movements	+	
Severe vibrations	+	
Shock load or frequent	+	
Low noise		<del>_</del>
Low friction		_
Rust inhibiting propert	+	
+ = Recommended	O = Suitable	— = Not suitable
Available nack sizes	LGHR 2	

420 ml cartridge

50 kg drum

5 kg can

180 kg drum

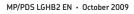






Technical data			
Designations	LGHB 2		
DIN 51825 code	KP2N-20	Water resistance	1
NLGI consistency class	2	DIN 51 807/1, 3 hrs at 90 °C	1 max.
Soap type	Complex calcium sulphonate	<b>Oil separation</b> DIN 51 817, 7 days at 40 °C, static, %	1 - 3 (at 60 °C)
Colour	Brown	Lubrication ability	1 3 (4: 00 6)
Base oil type	Mineral	SKF R2F, running test B	Pass at 140 °C (284 °F)
Operating temperature range, °C (°F)  Dropping point DIN ISO 2176, °C (°F)	-20 to 150 (-4 to 300) >220 (>428)	Copper corrosion DIN 51 811, 100 °C	2 max. (150 °C/300 °F)
Base oil viscosity: 40 °C, mm²/s 100 °C, mm²/s	400 - 450 26,5	Rolling bearing grease life SKF ROF test L50 life at 10 000 rpm, hrs	> 1000 at 130 °C (266 °F)
Penetration DIN ISO 2137: 60 strokes, 10 <sup>-1</sup> mm	265 - 295	<b>EP performance</b> Wear scar DIN 51350/5, 1 400 N, mm 4-ball test, welding load DIN 51350/4	0,86* 4 800 N*
100 000 strokes, 10 <sup>-1</sup> mm  Mechanical stability:	-20 - +50 (325 max.)	Fretting corrosion ASTM D4170 (mg)	0 *
Roll stability, 50 hrs at 80 °C, 10 <sup>-1</sup> mm Roll stability, 72 hrs at 100 °C, 10 <sup>-1</sup> mm SKF V2F test	- -20 - +50 change 'M'	Designation	LGHB 2/(pack size)
Corrosion protection:		* Typical value	
SKF Emcor			
- standard ISO 11007	0 - 0		
<ul><li>- water washout test</li><li>- salt water test (100% seawater)</li></ul>	0 - 0 0 - 0*		

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