

LGHB 2

High Load, High Viscosity Bearing Grease



LGHB 2 is a calcium-sulphonate complex mineral oil based grease with high viscosity for high temperatures and extreme loads. With excellent load properties and corrosion protection it is suitable for a wide range of applications, especially in the quarry & mining, cement, and metals industries. LGHB 2 contains no additives, the soap structure gives it its extreme pressure properties.

ADVANTAGES

- Extreme load ratings
- Exceptional adhesion to metal surfaces
- Excellent water and corrosion resistance
- High mechanical stability
- Temperature range -40°C up to 150°C
- Outstanding long life



TYPICAL APPLICATIONS

- Mining Machinery
- Steel Mills
- Continuous Casting Machines
- Cement Mills



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LGHB 2 > Test Method > Ratings

Designation			
NLGI Grade		ASTM D 217	2
Colour	Smooth, Homogeneous		Brown
Base oil type		API Group II	Mineral
Thickener / Soap type			Calcium-sulphonate complex
Operating temperature range			-40°C to 150°C
Dropping point	°C	ASTM D 2265	Non drop 280°C min
Base oil viscosity			
at 40°C	cSt	ASTM D 445	470
at 100°C			30-35
Penetration			
at 25°C (w/60)	10 ⁻¹ mm	ASTM D 217	279 (265-295)
at 25°C (w/100,000)			20 (-20 to +50)
Corrosion protection (prevention)	Standard Salt water	EMCOR EMCOR	0-0 0-0
Water washout (resistance)			
at 78°C	3 hrs % wt loss	ASTM D 1264	1 max
at 90°C			1 max
Oil separation	7 days at 40°C, static %	DIN 51817	1 (3 max)
Lubrication ability	Running test B at 120°C	R2F	Pass
Copper corrosion at 110°C		ASTM D 4048	1b max
4 Ball Weld Load	Kgf	ASTM D 2596	400 min
Wear Scar	mm	ASTM D 2266	0.46 (0.6 max)
Oxidisation Stability	psi	ASTM D 942	2.5 (5 max)

Available sizes	200 g Pouch	400 g Cartridge	500 g tin	1 kg tin	5 kg tin	18 kg tin
LGMT 3 General Purpose	•	•	•	•	•	•
LGEP 2 High Load, Extreme Pressure	-	•	-	•	•	•
LCAG 3 Special High & Low Temperature	-	•	•	•	•	•
LGHP 2 High Performance, High Temperature	-	-	-	•	•	•
LGFP 2 Food Compatible Bearing Grease	-	-	-	•	-	-
LGFR 2 Fire Resistant Bearing Grease	-	-	-	•	-	•
LGHB 2 High Load, High Viscosity	-	-	-	-	-	•



P.O.BOX: 261069 , Jebel Ali – Dubai, UAE
 Tel : (+971) 4 8873700 – Fax: (+971) 4 8873701
 sales@rolman.com – www.rolman.com

