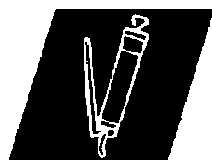


CALPLEX HDC



GREASE



TOTAL

Multi-Purpose, Calcium Sulfonate Grease.

APPLICATIONS

Multi-purpose, extreme pressure, industrial and automotive grease.

- **CALPLEX HDC** greases contain base oil fortified with polymer that provides additional wear protection. The high viscosity base oil coupled with extreme pressure (EP) and anti-wear additives produce a high load carrying ability and reduce wear.
- **CALPLEX HDC** greases are suitable for use at temperatures up to 400°F and is ideal for applications where the lubricant is subjected to extreme heat, hot water, or steam. Polymers improve water resistance and adhesion making **CALPLEX HDC** greases superior in areas where water impinges on bearings as in steel rolling mills, paper machines, or marble cutting operations.
- Applications include: heavy-duty equipment chassis and wheel bearings, cement plants, mining and rock crushing, metal foundries, chemical manufacturing facilities, plastics plants, sawmills, and wastewater treatment plants.
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system or cartridges.

SPECIFICATIONS

- ISO 6743-9: L-SCFHB-1 and L-XBFHB-2
- DIN 51502: KP1R-30 and KP2R-20

ADVANTAGES

Excellent EP and corrosion resistance.

High load carrying ability.

- Excellent corrosion resistance including salt fog and sea water.
- Resistant to water, pollution, and temperature variations.
- Very good adhesion to metals.
- Excellent anti-rust, anti-corrosion, and anti-oxidation properties.
- Excellent thermal stability and mechanical stability.
- Excellent EP properties at both high and low temperatures.

TYPICAL CHARACTERISTICS	METHODS	CALPLEX HDC	
Appearance	Visual	Smooth Green	Smooth Green
Operating Range, °F		-15 - 325	0 - 325
Thickener Type		Calcium sulfonate	Calcium sulfonate
NLGI Grade		1	2
Penetration Worked, 60xx	ASTM D 217	310 - 340	265 - 295
Dropping Point, °F(°C)	ASTM D 2265	570(290)	570(290)
4 Ball Weld Load, kg.	ASTM D 2596	500	500
Load Wear Index		65	65
Timken OK Load, lbs.	ASTM D 2509	65	65
Base Oil Properties:			
Viscosity @ 40°C, cSt	ASTM D 445	120	120

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