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CALCIUM SULFONATE MOLY-HD GREASE

TECH DATA SHEET

PRODUCT DESCRIPTION

Calcium Sulfonate Moly-HD Grease is a new technology that utilizes a high performance over-based calcium sulfonate thickener, high viscosity base oils, and specific polymer additives that work together to offer superior load carrying properties combined with superior anti-wear and EP properties. This makes for an excellent grease for the lubrication of all heavy industries where heavy loads, extreme pressures, and water distress prevail.

Calcium Sulfonate Moly-HD Grease is designed with an innovative combination of solid lubricants that adhere to metal surfaces and form a protective film, which prevents welding and reduces friction even under the most severe operating conditions such as very heavy and shock loads. It contains no heavy metals or other harmful or environmentally undesirable additives making it an ideal choice for marine and very severe applications.

PRODUCT FEATURES

- Superior Pressure Properties
- Excellent Mechanical Stability
- High Drop Point & Water Resistant
- Rust and Corrosion Protection

CUSTOMER BENEFITS

- Protection Under Shock Loading and Running Conditions
- Prevents Grease Breakdown Even in the Presence of Water
- Does Not Drip Under Running Conditions
- Forms Strong Film on Metal Surface Preventing Welding and Friction

RECOMMENDED APPLICATIONS

Calcium Sulfonate Moly-HD Grease can be used at a wide range of temperatures and is ideal for hot or wet applications including paper mills, cement plants, mining or rock crushing, metal foundries, chemical manufacturing, sawmills, wastewater treatment plants and steel mills. This grease is designed to create a protective "collar" to keep out dust, dirt and contaminants. It also is an excellent performer in marine type applications where water washout and corrosion are a concern.

TYPICAL PERFORMANCE DATA

NLGI GRADE	ASTM D-217	2
WORKED PENETRATION @ 25° C	ASTM D-217	265 - 295
THICKENER TYPE	DATA	CALCIUM SULFONATE
TEXTURE	VISUAL	TACKY
COLOR	VISUAL	GREY
DROPPING POINT	ASTM D-2265	550 - 600° F
VISCOSITY @ 40° C, CST	ASTM D-445	460.0
VISCOSITY INDEX	ASTM D-2270	-
TIMKEN OK LOAD	ASTM D-2509	60 - 70 LBS
4-BALL WELD LOAD	ASTM D-2596	800 KG
WATER SPRAY-OFF, % WT	ASTM D-4049	7.0 - 10.0
COPPER STRIP CORROSION	ASTM D-4048	1A
RUST PREVENTION	ASTM D-1743	PASS