



CALCIUM SULFONATE COMPLEX GREASE

ThermoPlex®. High performance grease specially formulated with a combination of base oils, thickeners and additives to provide superior high temperature lubrication plus outstanding mechanical stability and excellent lower temperature pumpability. Provides extremely high load carrying capacity, optimized control of rust & corrosion, excellent water resistance plus superior protection against heavy shock loads and severe equipment operation. Excellent performance in the toughest high temperature applications such as high temperature bearing applications, conveyors, loaders, cone crushers, etc.

FEATURES & BENEFITS

- Dropping point at over 500°F for extreme high temperature applications
- Specially selected anti-wear compounds to reduce friction and control wear
- Excellent extreme pressure (moly) protection properties to increase component life
- Rust & corrosion preventatives to protect both ferrous & non-ferrous metals
- A superb high temp grease that also exhibits excellent low temperature pumpability

TYPICAL APPLICATIONS

High Temperature Service	General Lubrication	General Lubrication
Asphalt Plants	Construction Equipment	Highly Corrosive Environments
Brick and Block Kilns	High Loads	Industrial Gear & Bearing Sets
Cement Plants	Logging Machinery	Marine & Off-Shore Drilling Rigs
Disc Brake Wheel Bearing Assemblies	Mining Equipment	High Humidity Conditions
Hammers & Pile Drivers	Pit & Quarry Equipment	High Temperature Conditions
Paving Equipment	Truck Chassis	Wet & Dry Ends of Paper Machines
Steel Mill Applications	Heavy Water Environments	

TYPICAL PROPERTIES

NLGI Grade	ASTM D217	#2
Color	Visual	Tan
Soap Type	ASTM D128	Calcium Sulfonate
Dropping (Melting) Point, °C / °F	ASTM D2265	260 / 500
Base Oil Viscosity @ 40°C	ASTM D445	462
Water Washout, % Loss	ASTM D1264	3
4-Ball Weld Load, kg	ASTM D2596	620
4-Ball Wear Scar Diameter, mm	ASTM D2266	0.5
Oxidation Stability, PSI drop, 100 hours	ASTM D943	<4
Timken OK Load	ASTM D2509	60
Bearing Rust Test	ASTM D1743	Pass
Copper Corrosion Test	ASTM D4048	1b
Usable Temperature Range	None	-20°C up to 150°C

Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect performance are to be expected during normal manufacture. The information contained herein is subject to change without notice.
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