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PRODUCT DATA SHEET

HPCC#1 GREASE

DESCRIPTION

NEO HPCC#1 Grease is specialty grease for linear and oscillating mechanisms and couplings, such as constant velocity couplings (CV joints) and sealed bearings. It will take heavy shock loads, frequent axial movements, large speed variations, and frequent reversing. It is made with a higher molecular weight synthetic base stock and will withstand extreme temperatures. It has a very strong resistance to water washout in rain or even salt water.

NEO HPCC#1 Grease is designed for low oil separation under centrifuging. It is classified as an NLGI#1 ½ Grade grease but will react to the amount of shear loading and will stiffen to a hard #2 grade grease. The grease is designed to "skin over" to create a shell that resists dirt & moisture, but this shell does not in any way detract from the lubricating qualities. For this reason, this is an excellent product for "sealed for life" bearings or large open gears. It is equally at home in dusty climates and very wet locations.

Applications

HPCC#1/s designed use is for severe sliding, skidding and rolling contact such as extremely heavily loaded ways and guides: slow, large diameter ball & roller bearings, journals, linear & oscillating mechanisms; and Constant Velocity, Articulated, Knuckle & Universal Joints subject to the harshest shock loading, angularity, radial forces and high torque transmission to driving components. Selected applications are found on demanding Military Mobile Equipment, All-Terrain Vehicles, Armored Troop Carriers & Commercial Off-Road Construction equipment. HPCC #1 can be used on sensitive metallurgy including copper, silver, tin, aluminum and their alloys. Exceptionally resistant to water wash conditions including emulsions. HPCC #1 is specially formulated to slightly "skin dry" when in contact with air to provide self-sealing protection when seals are deteriorated. Special compounding & lubricating solids provide superior antiseize characteristics & exceptional acid & corrosion resistance.

Special Applications

Antiseize to 1200°F. Assembly and Spline Lubricant, Cam Lubricant, Jack Screws and Fasteners, Logging Hammers, Knuckle Joints, Outboard Bearings, and Launch Grease; Pump and Valve lubrication in moderately hot, corrosive, wet environments.

Specifications: *

NEO High Performance Calcium Complex (HPCC) #1 Grease is classified as N.L.G.I Grade 1 ½ and will Grade 2. Color is Moly Gray.

*Subject to normal manufacturing tolerances.

100% SYNTHETIC HIGH PERFORMANCE CALCIUM COMPLEX

