

SPECIAL HD EP CRUSHER (Heavy Duty Modified Lithium grease)

DESCRIPTION:

SPECIAL HD EP CRUSHER is high performance grease for quarry & mining industry. It is specially developed with special high quality synergistic mineral base oil, special tailor-made modified lithium soap thickener, high dosage of advanced special EP additive, anti-rust, corrosion and oxidation inhibitors to provide good surface adhesion properties for plain & anti-friction bearings and an extremely low coefficient of friction even under extreme pressures, heavy vibration & high shock load to provide high mechanical & chemical stability for stone crusher industry. Its unique technology of higher dropping point gives exceptional stability under thermal stress. These grease have excellent shear & oxidation stability, excellent surface adhesive property to protect bearings high loads and vibratory conditions, resistance to water washout & rust-corrosion protection. Recommended for pulverizes crushers, Jaws & VSI in Stone Crusher (Quarry), Sugar Industry & other crushing equipment.

APPLICATIONS

- Recommended for applications where continuous high temperatures or intermittent very high temperatures are experienced. The maximum usable temperature for Hi-Temp Grease for extended service is 140°C to 160°C. Wide operating temperature range: -20°C to +160°C.
- Applications for Jaws & VSI in Stone Crusher (Quarry), Pulverizes Crushers, Sugar Industry and various other crushing equipment used in ambient temperature applications such as roll neck bearings.

BENEFITS

- Reduced wear under heavy shock loads and vibration for good equipment reliability and availability.
- Extended bearing life, increases re-Lubrication Interval and also reduce energy consumption
- Good pump ability in centralized systems, Effective leakage control.
- Resistance to water washes out - Better bearing protection and lower grease consumption.
- Excellent retention properties under extended working conditions leading to increased equipment/bearing life.
- Excellent surface protection against rust, corrosion and wear, even under humid conditions.
- 40,000 to 50,000 kms relubrication interval (under ideal rated conditions).
- High shear, structural, oxidation stability and excellent tackiness provides longer service life.
- Outstanding load carrying capacity reduces bearing failures & cost benefits.

PROPERTIES OF SPECIAL HD EP CRUSHER

NLGI	2.5
Appearance & Colour	Smooth, Buttery, Tacky & Brownish
Base Fluid	Mineral
Thickener	Heavy Modified Lithium
Viscosity at 40°C	180 to 220
Drop Point	+235
Work Penetration	255
4 Ball Weld Load	350-380
Temperature Range	-20°C to 160°C

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