

HD HAMMER CHISEL PASTE

PRODUCT DESCRIPTION

Hi-Tec HD Hammer Chisel Paste is a modern high-performance mineral oil based calcium sulphonate complex grease suitable for extreme applications in heavy industry. It is formulated from a unique co-crystallisation process between a lithium-based component and a sarcosylic calcium component. **Hi-Tec HD Hammer Chisel Paste** combines the properties of lithium complex thickener, such as high-temperature performance, mechanical stability, and improved pumpability, with the characteristics of water resistance and extremely high load-carrying capability found in calcium sulphonate grease. This advanced technology grease is the prime choice for wet, dirty and highly loaded conditions, especially at low speed and low temperature.

BENEFITS

- Soap structure contains inbuilt antioxidants, corrosion inhibitors, and graphite, therefore not requiring conventional EP- and AW- additives.
- Graphite provides extra protection in applications with slow-moving or oscillating motions.
- Resists high loads and vibrations.
- Outstanding load-carrying capacity.
- Excellent resistance to shock loads, water, and corrosion.
- Superb mechanical stability.
- No build-up of solid particles.
- Reduces temperature and prolongs equipment life.

APPLICATIONS

- Mining equipment, fixed and mobile plants, mills, kilns, gears, chains, etc.
- Off-shore jacking grease.
- Low-temperature mining operations.
- Wet, dirty, and highly loaded conditions in off-road and construction.
- Wires in marine and mining industry.

Hi-Tec suggests that the equipment manufacturers' recommendations for grade, performance requirements and general operating conditions should be checked prior to use.

TYPICAL PROPERTIES

PROPERTY	ASTM Method	TYPICAL RESULTS
Appearance		Black
Texture		Smooth
Thickener		Calcium Sulphur
NL GI	D217 mod	2
Mineral Oil, Viscosity, cSt @ 40°C	D7152	460
@ 100 °C	D7152	27
Penetration 60 strokes	ISO2137	265-295
Graphite % Mass	-	9
Dropping point, min C	IP 396	>260
4-Ball weld, kg	D2596	700
Water resistance	DIN 51807:1	0
Water wash out	ISO 11009	<10%
Flow pressure	DIN 51805 mod	<1400 mBar
Density	IP 530	1000 kg/m ³
Temperature Range		-20 C to +120C

Available in: Bulk, 180 Kg, 20Kg and 450 g

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it is the responsibility of use of the product to use the product safely. Users should consult the safety data sheets for each product at www.hi-tecoils.com.au. Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner

Our product warranty and product quality statement can be viewed at www.hi-tecoils.com.au”

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