



ROYAL HAMMER PASTE

High Performance CSC Lubricant for Hydraulic Hammer Tools and Chisel Paste

Royal Hammer Paste also known as “Chisel Paste” is a high performance grease, specifically designed for Hydraulic Hammers and other tools requiring anti-seize compound. Hydraulic Hammers and other such tools experience extreme shock and axial loads that can lead to rapid wear and tear of contact surfaces and guide bushings.

Royal Hammer Paste is formulated in such a way that forms a strong protective film on metal-to-metal contact areas and cling to parts under heavy shock loads, high temperatures and wet conditions. Such extreme EHD and boundary lubrication conditions may cause grease to breakdown, however this grease keeps its integrity and continues protecting the surfaces.

Royal Hammer Paste is a unique product based on calcium sulfonate base thickener incorporated with copper and other high performance additives. Inherent extreme pressure and anti-rust characteristics within calcium sulfonate thickener combined with anti-wear and anti-oxidation additives, makes this grease extremely resilient and long lasting. This unique copper-graphite combination prevents cold galling, seizing and premature wear on plug tools and wear liners.

Product Features:

- Copper and other solid lubricants provide high film strength on contact surface
- Outstanding Extreme Pressure (EP) and Anti-Wear (AW) properties
- Excellent water resistant properties
- Excellent thermal and shear stability
- Asphalt and chlorine free
- Extended Service life

Customer Benefits:

- Protects metal surfaces during shock loads and seizure conditions
- Outstanding water resistant and anti-rust properties
- Full protection under water ingress conditions
- No breakdown or run-out over long period of use, even at high temperatures

Applications:

- **Royal Hammer Paste** is a high performance service lubricant for heavily loaded Hydraulic Hammers and anti-seize applications in construction, mining and drilling. It can also be used on other industrial equipment in need of anti-seize lubricant, where extreme operating conditions occur. This grease is **NOT** recommended for bearing applications.



Typical Properties

Royal Hammer Paste

Product Number	952 XA	Test Method
NLGI Grade	2	ASTM D217
Worked Penetration	265-295	ASTM D 217
Thickener Type	Calcium sulfonate complex	-
Base Oil Viscosity @40°C, cSt	460	ASTM D445
Dropping Point, °F/°C	+ 550 / + 277	ASTM D 2265
Water Resistance	Fully Resistant	DIN-51807
Weld Load, kg	620	ASTM D2596
Timken OK Test, Lbs.	60	ASTM D2509
Rust Preventive Properties	Pass	ASTM D 1743
Operating Temperatures	-18°C (0°F) to 180°C (350°F)	-
Dry Film Lubrication Temp Range	-18°C (0°F) to 1000°C (1800°F)	-

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website. www.royalmfg.com or call (918)-584-2671.

Packaging Options:



15 oz.
Cartridges



35 Lb. Pails



120 Lb. Kegs



400 Lb. Drums



2,000/2,400 Lb.
Totes



>20,000 Lbs.
Bulk