BIO HAMMER OIL ES

Biodegradable Hammer Oil

DESCRIPTION

BIO HAMMER OIL ES is a quality down hole hammer lubricant formulated to impart wear protection to moving metal parts. BIO HAMMER OIL ES contains a specialized filming agent that protects the piston and sleeve from scuffing and heat. BIO HAMMER OIL ES is Biodegradable and non-hazardous.

APPLICATIONS

BIO HAMMER OIL ES is specially formulated to provide excellent protection for pneumatic percussion tools such as rock drills and downhole hammers. It has high load-carrying capacity to protect against wear and seizure of sliding metal surfaces under heavy or shock-load conditions. It has good adhesiveness to metal surfaces in the presence of moisture and contains inhibitors to protect against rust and corrosion of the hammers internal parts when the tool is not being used.

Many hammer oils still in use are based on mineral oils and as such provide health and environmental risks due to inhalation and the discharge of used oil into sensitive ecological areas and groundwater. BIO HAMMER OIL ES is safe and environmentally friendly and does not propose health risks.

ADVANTAGES

- Extends hammer life and reduces maintenance costs
- Minimizes friction and wear in moving metal parts
- Imparts a very high film strength to moving parts
- Biodegradable and environmentally friendly
- Minimal carbon deposits
- Efficient and cost effective

TYPICAL PROPERTIES

Physical Appearance	Specific Gravity	pH	Viscosity	VI*
Red to Brown Liquid	0.92	N/A	@100°C 8 cSt / @40°C 43 cSt	164

Note. *According to ASTM D2270 and ISO 2909.

USAGE

Usage is dependent on hammer size, air pressure and air volume. 2.5 – 3.5 L/hr for smaller diameter holes and increase dosage as hole sizes and air volume & pressure increases.

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