

BIO HAMMER OIL

Biodegradable Hammer Oil.

DESCRIPTION

BIO HAMMER OIL is a premium quality adhesive down hole hammer lubricant formulated to impart wear protection to moving metal parts. BIO HAMMER OIL contains extreme pressure, anti-wear, and anti-rust additives and is available in 150, 220, 320, and 460 viscosity grades. BIO HAMMER OIL is Biodegradable and non-hazardous.

APPLICATIONS

BIO HAMMER OIL 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. It has good oxidation resistance and thermal stability at high temperatures for long service life.

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 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
- Available in 150, 220, 320, and 460 viscosity grades
- Minimal carbon deposits
- Efficient and cost effective

TYPICAL PROPERTIES

Physical Appearance	Dark brown to black liquid
pH	N/A



USAGE

Hole Size	Consumption (based on 350 psi air)
3.5" – 5.75" (88.9mm – 146mm)	1.0 – 2.5 lts per hour
6" – 8.5" (152.4mm – 216mm)	2.5 – 3.0 lts per hour
8.5" – 8.75" (216 – 222.25mm)	3.0 – 3.25 lts per hour
9" – 20" (228.6mm – 508mm)	3.25 – 7.5 lts per hour