

Rock Drill Oil

BioSUM

We value a sustainable approach to the environment. Lubrication can be clean and green while reducing costs.

Our BioSUM product line is recognized as readily biodegradable by the Organization for Economic Co-operation and Development (OECD) standards. It is derived from extremely high quality renewable base stocks, which are 98% biodegraded after 28 days to CEC-L33-A93 Protocol. These oils do not produce a lasting oily residue on water and do not impact plant and animal life. BioSUM can be trusted in all environmentally sensitive areas.

BioSUM Biodegradable Rock Drill Oil has been specifically designed to replace conventional and low-grade vegetable stock rock drill oils. Combining high levels of biodegradability with enhanced hammer and drill head performance, it excels in pneumatic and rotary percussive drilling applications.

Exceeds the biological degradation requirements of CEC-L33-A93 and the OECD

BioSUM Biodegradable Rock Drill Oil: For use in top hammer and down the hoe (DTH) hammer systems. To be mixed with the air stream in pneumatic drills using a standard air-oil system. Superior biodegradability.

Designed to give long component life in both wet and dry operating conditions, BioSUM Rock Drill Oil extends drill pipe life and provides superior extreme pressure performance, and low temperature pumpability for all top hammer and DTH drill systems. Highly biodegradable performance formula can also extend hammer and tool life and reduce oil consumption.

ADVANTAGES

- Does not separate or become rancid
- High EP for excellent load carrying capability
- Fights rust and corrosion
- Tenacious anti-wear film
- Resists water washout

Product ID# 36630 BIO20-1 (20L Pail - ISO 30)

36630 BIO-205-1 (

TYPICAL PROPERTIES	ASTM METHOD	BioSUM Valve Actuator Oil
ISO GRADE		Clear, Pale, Green
Kinematic Viscosity @ 40°C (cSt)	D 445	2842.0
Kinematic Viscosity @ 100°C (cSt)	D 445	857.7
Viscosity Index	D 445	7.98
Density @ 20°C (kg/L)	D 445	2.4
Pour Point (°C)	D 2270	124
Flash Point (°C)	D 97	-66
PERFORMANCE TESTING		
Copper Corrosion	D 130	IA
Primary Biodegradability (%)	CEC-L-33-A93	98