

Biodegradable Rock Drill Oil 30

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

Our Marinus 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. Marinus can be trusted in all environmentally sensitive areas.

Marinus 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.

Designed to give long component life in both wet and dry operating conditions, Marinus 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

Marinus 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.

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

PART#:

36630 BIO-20-I (20L Pail-ISO 30) 36630 BIO-205-I (205L Drum-ISO 30)

TYPICAL PROPERTIES	ASTM METHOD	ISO 30
ISO GRADE		30
Kinematic Viscosity @ 40°C (cSt)	D 445	120
Kinematic Viscosity @ 100°C (cSt)	D 445	25
Viscosity Index	D 2270	243
Density @ 20°C (kg/L)	D 1298	0.920
Pour Point (°C)	D 97	-36
Flash Point (°C)	D 92	212
PERFORMANCE TESTING		
Copper Corrosion	D 130	IA
Primary Biodegradability (%)	CEC-L-33-A93	98