

LSA BIOFLUID RD320

**Heavy-duty Readily Biodegradable
Rock Drill Lubricant.**

DESCRIPTION

LSA Biofluid RD320 is a specially formulated biodegradable oil to lubricate the rotation gears on hydraulically powered machines, pneumatic percussion rock drills, jackhammers and drifter drills.

LSA Biofluid RD320 has excellent thermal and oxidation stability properties which reduces operating temperatures to ensure superior service with minimal impact on the environment.

It has extreme pressure, anti-rust, anti-wear and anti-fogging additives to provide high film strength to lubricate all moving surfaces.

LSA Biofluid RD320 contains additives designed to substantially reduce failure of drill bits due to the impact of humidity and high operating pressures causing seizure.

BENEFITS

- Increased tool life over conventional lubricants.
- Superior adhesion due to tacky additives with greater resistance to washing action of water than conventional products.
- Increased drilling penetration due to efficient lubrication.
- Reduced downtime in changing drill bits.
- Reduces failure of drill bits in deep mining operations due to sudden expansion of compressed air mixed with atmospheric moisture at the bit end, eliminating the "freezing" effect.
- Excellent extreme pressure lubrication – provides wear protection to moving parts under extremes of temperature and pressure.

- High operating viscosity – retains viscosity at high temperatures, ensuring effective sealing and optimum performance of the hammer.

FEATURES

- Bio-degradable
- High flash point
- High Timken load
- Ashless, good tackiness and low odour
- Good corrosion protection
- Reduced friction and heat

TYPICAL CHARACTERISTICS

Property	Method	Biofluid RD320
ISO grade		320
Specific Gravity @ 15°C kg/ltr		0.93
Odour		Low
Flash Point °C	ASTM D92	>260
Pour Point °C	ASTM D97	-18
Viscosity at 40°C - Typical cSt	ASTM D445	320
Viscosity Index Typical	ASTM D2270	210
Timken OK Load Kg		>27
Rust Test A & B	ASTM D1743	Pass
Copper Corrosion	ASTM D4048	1A
Biodegradability %	CEC-L-33-A-94	>90
Tackifier		Yes
Falex EP Fail Load		3500

Pack Sizes 1040 litre 205 litre 20 litre