

BioLube RDP

BIODEGRADABLE PNEUMATIC ROCK DRILL FLUID

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DESCRIPTION:

BioLube RDP is a series of readily biodegradable, heavy duty rock drill lubricants designed to meet the requirements of pneumatic percussion rock drills, down-hole, and surface drilling equipment. It is formulated with high viscosity index (VI) vegetable base oil, anti-wear additives, and corrosion protection. **BioLube RDP's** natural polarity and tackiness additive allows the lubricant to adhere to tooling surfaces further reducing corrosion and wear in the presence of compressed air. The wear reduction performance greatly reduces the incidence of premature bit shanking and lowers operating costs. Available in ISO grades 46,100,150,220, and 320.

FEATURES:

- ◆ Readily biodegradable.
- ◆ High flash points.
- ◆ High Timken load.
- ◆ Ashless, good tackiness and low odor.
- ◆ Good corrosion protection.
- ◆ Reduced friction and heat.

TECHNICAL DATA:

BioLube		RDP ⁴⁶	RDP ¹⁰⁰	RDP ¹⁵⁰	RDP ²²⁰	RDP ³²⁰
ISO Grade:		46	100	150	220	320
Viscosity						
@ 40°C, cSt: typical:	ASTM D445	46	100	150	220	320
Viscosity Index:	ASTM D2270	>220	>220	>220	>220	>220
Pour Point*, °F (°C):	ASTM D97	-20 (-29)	-30 (-34)	-30 (-34)	-30 (-34)	-30 (-34)
Flash Point, °F (°C):	ASTM D92	>600 (315)	>600 (315)	>600 (315)	>600 (315)	>600 (315)
Timken OK Load:	ASTM D2509	>60lbs	>60lbs	>60lbs	>60lbs	>60lbs
Falex EP Fail Load:	ASTM D3233	3500	3500	3500	3500	3500
Copper Corrosion:	ASTM D4048	1A	1A	1A	1A	1A
Rust Test, A & B:	ASTM D1743	Pass	Pass	Pass	Pass	Pass
Biodegradability, %:	OECD 301B	>75	>75	>75	>75	>75
Biodegradability, %:	ASTM D5864	>75	>75	>75	>75	>75
Tackifier:		Yes	Yes	Yes	Yes	Yes

*Pour Point is dependent on individual product formulation and is not an indication of viscosity at any given temperature. Lesser Viscosity Grade products will have lower viscosities at a given temperature than higher Viscosity Grade products.

AVAILABLE PACKAGING:

5 Gallon Pails, 55 Gallon Steel or Plastic Drums, 275 Gallon Totes.



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