



BioLube RDP 150

By BioBlend

PRODUCT NAME

BioLube RDP – Biodegradable Pneumatic Rock Drill / Hammer Oil, ISO 150

SUPPLIER

NUMA
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MANUFACTURER

BioBlend Renewable Resources, LLC.
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DESCRIPTION

BioLube RDP 150 is a readily biodegradable, heavy-duty rock drill lubricant designed to meet the requirements of pneumatic tools, down-hole and surface drilling equipment. It is formulated with high viscosity index natural ester base oil, anti-wear additives, and corrosion protection. The high viscosity index provides superior lubrication in a working hammer.

BioLube RDP 150 has natural polarity and tackiness allowing the lubricant to adhere to tooling surfaces further reducing corrosion and wear in the presence of compressed air.

FEATURES AND BENEFITS

- High viscosity index to help maintain resistance to flow at higher operational temperatures
- Powerful polarity (or stickiness) to the tool surface protecting against wear and corrosion
- Strong anti-wear additives to protect the equipment
- Five ISO grades to keep you operational in a large temperature range
- Foam resistant

PACKAGING

- 5 Gallon Pails
- 55 Gallon Drums
- 275 Gallon Totes

SUITABLE USES

- Pneumatic “hammer” equipment such as rock drills, jackhammers, and pavement breakers
- Chipping hammers, demolition hammers and drifters used in mining
- Enclosed industrial gearboxes where leakage is a problem and oil must be continually added
- Pile drivers
- Riveters
- Oil and gas drilling
- Water well drilling
- Geothermal drilling
- Mining drills

COMPATIBILITY

- Lubricant compatible with most other types of lubricants (for specific applications and lubricants please contact your NUMA representative)
- No known paint compatibility issues

STORAGE AND SHELF LIFE

Storage - Keep in a cool, dry and well-ventilated place. Store in a properly labelled, original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. To help maintain product quality do not store in heat or direct sunlight.

Shelf Life - Product shelf life is 24 months from date of packaging. In some cases, product can last longer, please contact BioBlend (bioblend.com/888.246.2563) for proper testing and confirmation instructions.

CAUTIONS

Ensure adequate ventilation. Do not breathe vapor/dust. Use personal protective equipment and avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. See the safety data sheet (SDS) for emergency, proper handling and disposal information.

APPLICATION

- Follow recommendations provided in your equipment owner’s manual
- Follow your organization’s manuals and/or best practices for preparation, cleaning, conversion, application, and ongoing maintenance practices

- If you have further questions, please contact BioBlend Tech Services by filling out the contact us form on bioblend.com

AVAILABILITY

Worldwide.

TECHNICAL SERVICES

For additional information including safety data sheet (SDS), frequently asked questions, and glossary please visit bioblend.com

APPROVALS AND CERTIFICATIONS

- Classified as environmentally acceptable lubricants (EAL's) as per EPA standards for biodegradability, toxicity and bioaccumulation in/near aquatic environments.

TYPICAL PROPERTIES

Property	Test Method	RDP 150
Product Code		BL8104150
ISO Grade		150
Specific Gravity	ASTM D1298	0.91
Viscosity @40°C, cSt	ASTM D445	150
Viscosity @100°C, cSt	ASTM D445	25
Viscosity Index (VI)	ASTM D2270	>220
Pour Point °F (°C)	ASTM D97	-30 (-34)
Flash Point °F (°C)	ASTM D92	>600 (316)
Timken OK Load, lbs	ASTM D2509	>60
Falex EP Fail Load	ASTM D3233	3500
Copper Corrosion	ASTM D4048	1A
Rust Test, A & B	ASTM D665	Pass
Readily Biodegradable (meaning>60%)		Pass
Biodegradability	OECD 301B	>75
Not Bioaccumulative, (Calculated value as per EPA standard)		Pass
Toxicity (meaning LC50> 1000 mg/L)		Pass
Tackifier		Yes

The values quoted above are typical of normal production. They do not constitute a specification.

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