

PRODUCT NAME

**BioLube RDP S – Biodegradable, Synthetic
Pneumatic Rock Drill / Hammer Oil**

MANUFACTURER

BioBlend Renewable Resources, LLC.
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DESCRIPTION

BioLube RDP S is a readily biodegradable, heavy-duty, synthetic rock drill (pneumatic) oil designed to meet the requirements of pneumatic tools, down-hole and surface drilling equipment. The specially selected base stocks and additives allow for excellent extreme pressure characteristics, outstanding thermal and oxidative stability and a wider temperature range than is available for conventional biodegradable products. Available in ISO 32

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
- Advanced rust and corrosion protection
- Low odor
- Foam resistant
- Full synthetic for increased performance capability in extreme conditions including higher heat and moisture applications

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
- Pile drivers
- Riveters
- Oil and gas drilling
- Water well drilling
- Geothermal drilling

- Mining drills

COMPATIBILITY

Equipment Compatibility

- Field tested and proven high performance in Atlas Copco, Halco, NUMA, and many others.

Lubricant Compatibility

- Compatible with most other types of lubricants for specific applications and lubricants please contact your BioBlend representative.

Seal & Paint Compatibility

- 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 your BioBlend representative 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’s 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](https://www.bioblend.com)

AVAILABILITY

Worldwide

TECHNICAL SERVICES

For additional information including the safety data sheet (SDS), frequently asked questions, and glossary please visit bioblend.com. I know I missed this on the other PDSs, but these really shouldn't be capitalized.

APPROVALS AND CERTIFICATIONS

- Classified as Environmentally Acceptable Lubricants (EAL's) as per EPA standards for biodegradability, toxicity and bioaccumulation in aquatic environments.

TYPICAL PROPERTIES

| Property | ASTM Test Method | RDP S 32 |
|-------------------------------------|------------------|-----------|
| Product Code | | BL8103132 |
| ISO Grade | | 32 |
| Specific Gravity | ASTM D1298 | .913 |
| Viscosity @40°C, cSt | ASTM D445 | 32 |
| Viscosity @100°C, cSt | ASTM D445 | 8.2 |
| Viscosity Index (VI) | ASTM D2270 | >200 |
| Pour Point °F (°C) | ASTM D97 | -25 (-31) |
| Flash Point °F (°C) | ASTM D92 | >400(204) |
| Copper Corrosion | ASTM D4048 | 1A |
| Rust Test, A & B | ASTM D665 | Pass |
| Readily Biodegradable (meaning>60%) | | Pass |
| Biodegradability, % | OECD 301B | >90 |

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

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