

HonuBio RDP E

(Biodegradable, Synthetic Blend,
Pneumatic Rock Drill Oil)



Next Generation Sustainable Lubrication Technologies

PRODUCT NAME

HonuBio RDP E
(Biodegradable, Synthetic Blend, Pneumatic Rock Drill Oil)

MANUFACTURER

Honu Eco Sustainable Solutions, Inc.
200 Mayfly Way
Simpsonville, South Carolina 29680

DESCRIPTION

HonuBio RDP E 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 oils, synthetic esters, anti-wear additives, and corrosion protection. The high viscosity index provides superior lubrication in a working hammer. The natural polarity and tackiness of HonuBio RDP E allows the lubricant to adhere to tooling surfaces, further reducing corrosion and wear in the presence of compressed air. This product is ideally formulated for underground mining.

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
- Readily biodegradable for safer use in the environment
- Multiple ISO grades to keep you operational in a large temperature range
- Low odor
- Foam resistance
- Synthetic Blend for increased performance capability across a wider temperature range and in wet environments

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
- Geotechnical drilling
- Geothermal drilling
- Mining drills

COMPATABILITY

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 Honu Eco representative.

Seal & Paint Compatibility

- No known paint compatibility issues

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 Honu Eco Tech Services by filling out the contact us form on honueco.com

APPROVALS / CERTIFICATIONS

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

PACKAGING

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

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 Honu Eco representative

HonuBio RD E

(Biodegradable, Synthetic Blend,
Pneumatic Rock Drill Oil)



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. Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

AVAILABILITY

Worldwide

Typical Properties

Technical Properties	ASTM Test Method	RD E 100	RD E 150	RD E 220
Product Code		HEBRD- E-100	HEBRD-E-150	HEBRD-E-150
ISO Grade		100	150	220
Specific Gravity	D1298	0.91	0.91	0.92
Viscosity D445 @40°C, cSt	D445	100	150	220
Viscosity D445 @100°C, cSt	D445	18	25	33
Viscosity Index	D2270	>220	>220	>220
Flash Point °C	D92	315	315	315
Pour Point °C	D97	-34	-32	-29
Timken OK Load, lbs	D2509	>60 lbs.	>60 lbs.	>60 lbs.
Falex EP Fail Load	D3233	3500	3500	3500
Copper Corrosion	D4048	1A	1A	1A
Rust Test, A & B	D665	Pass	Pass	Pass
Biodegradability % (meaning>60%)	OECD 301B	Pass	Pass	Pass
Tackifier		Yes	Yes	Yes

The values quoted above are typical of normal production. They do not constitute a specification. Honu Eco makes no representations, guarantees or warranties, expressed or implied, including but not limited to any implied warranty of merchantability or fitness for a particular purpose, or as to the correctness or sufficiency of data herein presented. All risk and liability regarding use, conditions of use and handling of this product are assumed by the buyer and any user. No agent, representative, or employee of this company is authorized to vary any of the terms of this notice. To continue to provide superior quality, Honu Eco reserves the right to change the composition of its products without notice.