

DESCRIPTION

BioBlend ES RDP (Rock Drill Pneumatic) is formulated using a proprietary blend of base stocks and additives to provide superior performance and enhanced environmental synergy compared to conventional petroleum products.

FEATURES & BENEFITS

- Powerful polarity (or adherence) to the tool surface providing improved lubricity and extra protection against water washout
- Enhanced anti-wear & anti-corrosion additives to protect the equipment
- Five ISO grades to keep you operational in a large temperature range
- Superior wear protection

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

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

APPLICATION / TECHNICAL SUPPORT

- Follow recommendations provided in your equipment owner's manual
- Follow your organization's best practices for preparation, cleaning, conversion, application, and ongoing maintenance practices
- **Technical Support** - If you have further questions, please fill out contact form on **bioblend.com** and one of our team will contact you to review your question(s)

APPROVALS / CERTIFICATIONS

- eSyn™ Certified

PACKAGE SIZES

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

STORAGE

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.

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.

AVAILABILITY

Worldwide

TYPICAL PROPERTIES

Technical Properties	Test Method	ES RDP 46	ES RDP 100	ES RDP 150	ES RDP 220	ES RDP 320
Product Code		BBESRDP46	BBESRDP100	BBESRDP150	BBESRDP220	BBESRDP320
ISO Grade		46	100	150	220	320
Specific Gravity	ASTM D1298	0.91	0.91	0.91	0.92	0.92
Viscosity @40°C, cSt	ASTM D445	46	100	150	220	320
Viscosity @100°C, cSt	ASTM D445	6.85	11.43	15.1	19.5	25.1
Viscosity Index (VI)	ASTM D2270	>110	>100	>100	>100	>100
Performance Properties						
Pour Point °F (°C)	ASTM D97	-5 (-20.5)	0 (-17.8)	0 (-17.8)	5 (-15)	10 (-12)
Flash Point °F (°C)	ASTM D92	560 (293.3)	560 (293.3)	560 (293.3)	550 (287.8)	540 (282.2)
Timken OK Load, lbs	ASTM D2509	>60	>60	>60	>60	>60
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 D665	Pass	Pass	Pass	Pass	Pass
Tackifier		Yes	Yes	Yes	Yes	Yes

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

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APPROVALS / CERTIFICATIONS LOGOS

