

Overview ▶ 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.



BioLube RDP S oil is formulated featuring our proprietary eSyn™ technology and is available in ISO grade 32.

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

Key Attributes / Approvals ▼



- Readily biodegradable, nontoxic
- Superior anti wear and extreme pressure protection
- Advanced rust and corrosion protection
- High viscosity index/temperature stability
- Demulsibility and foam suppression
- Metal adhesion decreases wear and shanking
- Classified as Environmentally Acceptable Lubricants (EAL's) as per the EPA's guidance document that defines standards for Environmentally Acceptable Lubricants (EPA 800-R-11-002) and as required by EPA's 2013 U.S. Vessel General Permit (VGP)

See the Safety Data Sheet (SDS) for emergency, proper handling and disposal information. Rev. BLRDPS-06052020