

Overview ► BIOLUBE C&C-P is a readily biodegradable chain and cable lubricant designed for oven and conveyor chains, wire ropes, and cables. Its excellent lubricity and temperature stability provide smooth mechanical performance and superior anti-wear protection.



BioLube C&C-P oils are formulated featuring our proprietary eSyn™ technology and is available in ISO grades 32 and 46.

## Typical Properties ▼

Property	ASTM Test Method	32	46
Product Code		BL7102032	BL7100046
ISO Grade		32	46
Specific Gravity	ASTM D1298	0.913	0.913
Viscosity @40°C, cSt	ASTM D445	32	46
Viscosity @100°C, cSt	ASTM D445	7	10
Viscosity Index (VI)	ASTM D2270	>188	>200
Pour Point °F (°C)	ASTM D97	-33 (-36)	-22 (-30)
Flash Point °F (°C)	ASTM D92	>325 (163)	>500 (260)
FZG Load Stage	DIN 51354	11	11
Copper Corrosion	ASTM D4048	1A	1A
Rust Test, A & B	ASTM D665	Pass	Pass
4 Ball Wear, Scar, mm	ASTM D4172	<0.50	<0.50
Dielectric Breakdown Voltage, kV	ASTM D877	>55	>55
Readily Biodegradable (meaning>60%)		Pass	Pass
Biodegradability	OECD 301B	>76	>78
Minimally Toxic		Pass	Pass
Algae (EC 50), 72 hr, mg/L	OECD 201	>20,000	>18,000
Daphnia (EC 50), 48 hr, mg/L	OECD 202	>5,500	>3,700
Fish (LC 50), 96 hr, mg/L	OECD 203	>34,000	>50,000
Not Bioaccumulative (Calculated value as per EPA standard)		Pass	Pass
Bio-based Content, %	ASTM D6866	>86	>99

## Key Attributes / Approvals ▶



Any industry (construction, refuse, mining, dredging, marine, agriculture, oil & gas, food processing, plant operations, etc.) utilizing conveyors, chains, cables, winches, or mobile or stationary equipment, especially systems where a release into the environment is possible or where a leak or spill could reach a waste stream.

- 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)
- USDA Biopreferred Program

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

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