BioLUBE C&C-P

Chain & Cable Lube

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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