BIOLUBE C&C-P

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. Available in ISO grades 32 and 46.

Specifications, Approvals, Recommendations:

- Classified as Environmentally Acceptable Lubricants (EAL's) as per the EPA's 2013 U.S. Vessel General Permit (VGP)

Physical Properties	32	46
ISO Grade	32	46
Specific Gravity, ASTM D1298	0.913	0.913
Viscosity, ASTM D445 @40°C, cSt	32	46
Viscosity, ASTM D445 @100°C, cSt	7	10
Viscosity Index (VI), ASTM D2270	>188	>200
Pour Point, ASTM D97, °F (°C)	-33 (-36)	-22 (-30)
Flash Point, ASTM D92, °F (°C)	>325 (163)	>500 (260)
FZG Load Stage, DIN 51354	11	11
Copper Corrosion, ASTM D4048	1A	1A
Rust Test, ASTM D665, A & B	PASS	PASS
4 Ball Wear, ASTM D4172, Scar, mm	<0.50	<0.50
Dielectric Breakdown Voltage, ASTM D877, kV	>55	>55
Environmental Stewardship: Meets EPA requirements to be classified as an EAL per the 2013 VGP		
Readily Biodegradable (meaning>60%) OECD 301B, %	PASS >76	PASS >78
Minimally Toxic OECD 201 - Algae (EC 50), 72 hr, mg/L OECD 202 - Daphnia (EC 50), 48 hr, mg/L OECD 203 - Fish (LC 50), 96 hr, mg/L	PASS >20,000 mg/L >5,500 mg/L >34,000 mg/L	PASS >18,000 mg/L >3,700 mg/L >50,000 mg/L
Not Bioaccumulative* (*Calculated value as per EPA standard)	PASS	PASS
Additional Environmental Features and Characteristics		
Bio-based Content, ASTM D6866, %	>86	>99

Applications & Industries: 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.