

Bio-Cable

Cable and Wire Rope Lubricant
No. 703

DESCRIPTION:

Bio-Cable and Wire Rope Lubricant is a unique blend of highly solvent vegetable base oils. **Bio-Cable** is fortified with Anti-Wear additives as well as non aggressive EP additives to reduce cable stretching and provide extended cable life. The high levels of oxidation inhibitors in **Bio-Cable** makes it ideal for use on or around waterfronts or in any cable or wire rope environment that experiences salt water or high levels of moisture. Bio-Cable is formulated with food grade synthetic polymers that increase oil film strength and seal out water from penetrating down to the core. **Bio-Cable** has a strong affinity to metals without being “tacky” and does not build up or attract dust. This assures the ultimate lubrication of cables and wire ropes.

FEATURES:

Bio-Cable is an environmentally friendly, 100% biodegradable, cable lubricant ideal for total loss lubricant applications. It is fortified with earth friendly oxidation, corrosion, and rust inhibitors.

Bio-Cable was designed to penetrate deeply into the core of cables and wire rope. This insures that internal wear is reduced. The vegetable oil base stock in Bio-Cable is highly oxidation stable insuring cleanliness of the cable or wire rope for long service intervals. **Bio-Cable’s** light viscosity allows not only for excellent penetration of the cable or wire rope but eases application. It can be sprayed with a pressure can or used in a pump style sprayer; high solvency insures consistent flow through drippers or automatic lubrication devices.

Bio-Cable is made from a proprietary process using a combination of vegetable based fluids which are inherently better able to resist emulsification in high-moisture environments than conventional petroleum oils. This resistance to emulsification virtually eliminates problems in outdoor environments, where conventional cable lubes tend to attract water, causing the oil to breakdown and rise to the surface leaving the core unprotected.

ADVANTAGES:

Bio-Cable is a cost effective, environmentally friendly replacement for petroleum based Cable & Wire Rope oils. Bio-Cable competes in performance with synthetic based oils, yet, costs less. Unlike synthetic and mineral oil products, **Bio-Cable** is made from sustainable and renewable agricultural plant resources grown in America. **Bio-Cable** offers improved Anti-Wear, Anti-Scuffing, Anti-Galling, and Extreme Pressure properties, extends lubrication intervals, and lengthens the service life of cables and wire ropes.

TYPICAL SPECIFICATIONS:

Oxidation Stability, TOST, ASTM D943, hr ¹	7000+
ASTM 2266 Four Ball Wear Test 40 KG, 1 hour @ 167° F (mm) Scar	0.35
Corrosion test, Steel, (ASTM D665) Procedure B:	Pass
Foam Test ASTM D-892 Available foam after 10 min.	Nil
Rust Test ASTM D-665 A/B	
Distilled Water	Pass-clean
Synthetic Sea Water	Pass-clean
Demulsibility Test ASTM D-1401	Pass

ISO Grade	32
Viscosity @ 40° C, cSt:	31.3
Viscosity @ 100° C, cSt:	6.8
Viscosity Index:	185
Flash Point, COC, °F	460
Pour Point, °F:	-40
Color, Saybolt:	+30

Values shown here are typical, and may vary.

PERFORMANCE PRODUCTS GUARANTEED

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