

## **BIO-CABLE**

### **lubricant for steel cables**

#### **Description**

PROLAB BIO-CABLE's exclusive biodegradable and ecological formula provides it with exceptional properties.

#### **Characteristics and Benefits**

BIO-CABLE's unique formulation with a high-performance synthetic oil base makes it biodegradable, ecological, highly resistant to rust, wear and extreme pressure while providing it with superior lubricating action.

**BIO-CABLE does not run, clings to surfaces, lubricates efficiently, reduces friction and has a high load resistance.**

**BIO-CABLE lubricant remains fluid in very low temperatures:**

Its low viscosity point allows it to penetrate deeply to lubricate the centre of the cable, protect it against rust and corrosion thus extending its life expectancy.

**BIO-CABLE is environmentally friendly:**

Biodegradable and ecological, and does not contain any heavy metals, nitrous compounds or organochlorinated.

**BIO-CABLE is clean:**

Almost colorless, it does not stain and leaves a lubricating film on which dust particles and other contaminants have very little adherence.

**BIO-CABLE is safe:**

Dielectric up to 36 kv.

#### **Types of Application**

BIO-CABLE is ideally suited for operations with a high risk of environmental damage in case of accidental spills, such as: projects near bodies of water, harbor installations, cranes, travelling cranes, ships, etc.

#### **Directions for Use**

To apply BIO-CABLE use an oilcan, a brush, an atomizer or simply dip the cable into the product. Use BIO-CABLE in proportions of approximately 1% of the cable weight.

## Notes

Negative backlash on the corporate image and dire financial setbacks resulting from an accident can be substantially reduced by using an environmentally friendly product.

## Warning

Verify compatibility of BIO-CABLE with some steel cables fabricated with internal plastic layers (polypropylene, etc.).  
**Contains solvent. May attack some rubber material.** We recommend to check compatibility.

## Available Sizes

4 L, 20 L, 55 L, 205 L

## Product Code

# 492

Characteristics	ASTM Test	Typical Values
Flash Point	D92	76°C
Pour Point	D97	<-60°C
Specific Gravity at 15°C	D4052	0,86 g/cm <sup>3</sup>
Viscosity at 40°C	D445	5,29 cSt
Dielectric Breakdown	D877	36 Kv
Rust Preventative		
(A) Distilled Water	D665	Pass
(B) Sea Water		Pass
Extreme Pressure	D2783	
- Load Wear Index		23
- Weld Load		160 kg

4-Ball Wear	D4172	0,40 mm
Biodegradability CEC-L33-T82 (21 days)		75%
<p>Ecotoxicity</p> <p>- C150: 5 min.</p> <p>- Media: Sea Water</p> <p>- Bacteria: Photobacterium Phosphoreum</p>	Microtox	4,9%

**ENSURE YOU HAVE THE MOST UP-TO-DATE INFORMATION BY REGULARLY VISITING THE PRODUCT PAGE ON OUR WEBSITE TO ACCESS THE LATEST VERSION OF THIS TECHNICAL DATA SHEET.**

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