

# VITALIFE® BIO-LUBE



# VITALIFE®

WIRE ROPE LUBRICANT



## Product Description

**Vitalife® BIO LUBE** is for environmentally sensitive applications. **Vitalife® BIO-LUBE** is a unique light-bodied wire rope lubricant and protector built from environmentally safe base fluids. For field application it offers outstanding lubrication, penetration, and preservation of wire ropes. The consistency of **Vitalife® BIO-LUBE** makes it suitable for manual and automatic application. It can be applied with relative ease even under the most severe climatic conditions.

**Vitalife® BIO-LUBE** is produced from the highest quality readily biodegradable oil base stocks. In addition to having excellent lubricating properties, they contain selected additives to obtain acid and alkali resistance; water displacing properties; excellent rust prevention, oxidation stability and penetration. The high polarity of **Vitalife® BIO-LUBE** enables it to creep and “wet” the metal surface forming an adhesive and protective film.

## Product Benefits and Features

Light-bodied oil · provides the ability to penetrate to the core of wire rope · wire ropes are cleaner and easy to inspect · penetrates the interstices between wires and strands · high film strength · prevents wear · resists oxidation and corrosion · self-healing film former · excellent in acid or alkali and pollutants' environmentally friendly · bio-degradable · high polarity promotes creeping and re-lubrication of areas forced dry of oil.

## Major Applications

Field lubrication for wire ropes in service. All sizes of standing and running ropes as used on suspension and lift bridges, tramways and cableways. All types of cranes, escalators, derricks, masts and chimneys. Also on hoist ropes, draglines, conveyors and material handling equipment. Major industries served include surface and underground mining, construction, towing, marine, gas and petroleum, on and off shore drilling, to name a few.

## Methods of Application

**Vitalife® BIO-LUBE** has been tested and proven directly compatible with Crosby **Vitalife®** Spray Applicators (see Crosby Catalog). The use of **Vitalife® BIO-LUBE** in Crosby **Vitalife®** Spray Applicators is recommended. Other methods of application include manual by brush, swab, drip, pour, automatic drip or spray systems and automatic pressure wire rope lubricators. This product is also available in an aerosol can.

## Typical Properties

<b>Appearance</b>	Amber Liquid
<b>Viscosity, SUS @ 100 °C</b>	9.70
<b>@ 40 °C</b>	48.31
<b>Flash Point, COC °F (°C)</b>	550 (288)
<b>Pour Point, °F (°C)</b>	-38.2 (-36)
<b>Gravity, °API</b>	
<b>Corrosion Protection</b>	No Corrosion after 168 Hours
(Accelerated humidity testing 100% R.H. @ 120°F)	
<b>Weight Per Gallon, Pound</b>	

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