

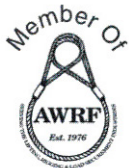
*Another*

New Product

**VITALIFE®**

WIRE ROPE LUBRICANT

**Wire Rope Lubricant**



[www.thecrosbygroup.com](http://www.thecrosbygroup.com)

**the Crosby<sup>®</sup> group, inc.**

# *Crosby<sup>®</sup> Vitalife<sup>®</sup> Wire Rope Lubricant*

## *History*

- AOSI (American Oil Since 1895) and J.A. Roebling Company co-developed a lubricant designed to protect the cables of the Brooklyn Bridge in the late 1890's and created a new company, The Wire Rope Lubricating Company of America
- In the 1940's AOSI acquired The Wire Rope Lubricating Company of America, including the Vitalife<sup>®</sup> product line, and improved on the technology, developing the most technically sophisticated wire rope lubricants in the world.
- In 2005, ASOI entered into an exclusive agreement with Crosby to promote the Vitalife<sup>®</sup> product lines worldwide.

# *Crosby<sup>®</sup> Vitalife<sup>®</sup> Wire Rope Lubricant*

## *Purpose*

Lubrication is the best way to extend the service life of your wire rope.

### **THE OLD WAY**

Asphaltic, thick, grease-based protective products that only coat the external surface of the ropes are most common. The most important portion of the rope, the “core”, does not get lubricated.

Expensive application systems are sometimes used in an attempt to “force” these grease-based products into the core of the rope.

Grease-based coatings tend to allow airborne dirt particles to adhere to the rope.

Thick coatings can also hide dangerous rope damage during visual inspections.

# *Crosby<sup>®</sup> Vitalife<sup>®</sup> Wire Rope Lubricant*

## *Product Quality*

- Base Oil Selection** - With lubricants, the foundation is the key, and Vitalife<sup>®</sup> begins with a high quality base oil.
- Additives** - AOSI uses only top-quality additives (not present in all lubricants) for its Vitalife<sup>®</sup> product line. AOSI selects the optimum additive package for the specific Vitalife<sup>®</sup> product family.
- Extensive Research and Experience** - AOSI manufacturing facilities provide superior quality control and traceability. They utilize state-of-the-art manufacturing processes to product lubricants that perform well under a wide variety of environments and applications. AOSI's manufacturing facilities are ISO 9001/2000-certified.

# *Crosby® Vitalife® Wire Rope Lubricant*

## *Product Information*

- Time-tested Brand - The Vitalife® brand of wire rope lubricants have been utilized since the late 1890's and are the original standard recognized for their dependability.**
- Support Second to None - Crosby Provides the highest level of support available. Our well trained and fully equipped Support Team is available to answer any questions you have.**

# *Crosby® Vitalife® Wire Rope Lubricant*

## *Product Applications*

- Raising and lowering the boom on power shovels
- Cranes, port lifting equipment, drag lines, derricks
- Tramways
- Coal Mines
- Ski Lifts
- Suspension bridges, guy wires on antennas and standing ropes
- Elevators (mining and buildings)
- Rudders on boats, fishing leaders
- Aircraft cables
- Barges, suspension barges
- Tow trucks
- Factories, steel mills, industrial plants, maintenance facilities
- Automotive, heavy duty and industrial equipment builders

# *Crosby® Vitalife® Wire Rope Lubricant*

## *Product Benefits*

- Penetrates to the core
- Dry to the touch; does not attract dust and airborne particles
- Allows easy visual inspection of the rope
- Cleans the wire rope during application
- Oxidation control
- Creeps and wets to the core
- Coats each individual strand
- Water displacement properties
- Rust and corrosion protection
- High polarity product
- Self-healing
- No expensive, cumbersome applicators are required to lubricate all the way to the core of the rope.



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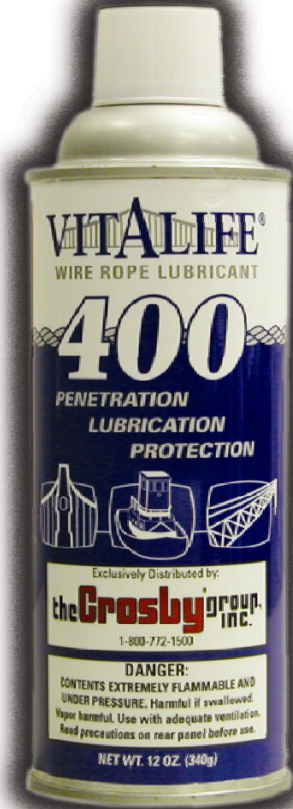


# Crosby® Vitalife® Wire Rope Lubricant

## Product Information-400

**VITALIFE®**  
WIRE ROPE LUBRICANT

DIAMETER OF WIRE ROPE (in.)	GALLONS OF: Vitalife® 400 (Per 1,000 FT.)	DIAMETER OF WIRE ROPE (in.)	GALLONS OF: Vitalife® 400 (Per 1,000 FT.)
1/2	0.15	1-1/8	0.55
5/8	0.20	1-1/4	0.60
3/4	0.30	1-3/8	0.70
7/8	0.40	1-1/2	0.75
1	0.45	2	0.90



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# Crosby® Vitalife® Wire Rope Lubricant

## Product Information-BIO LUBE



Environmentally Friendly

Non-Toxic; produced from the highest quality biodegradable base fluids.

DIAMETER OF WIRE ROPE (in.)	GALLONS OF: Vitalife® BIO-LUBE (Per 1,000 FT.)	DIAMETER OF WIRE ROPE (in.)	GALLONS OF: Vitalife® BIO_LUBE (Per 1,000 FT.)
1/2	0.15	1-1/8	0.55
5/8	0.20	1-1/4	0.60
3/4	0.30	1-3/8	0.70
7/8	0.40	1-1/2	0.75
1	0.45	2	0.90



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# Crosby® Vitalife® Wire Rope Lubricant

## *Product Information - Vitalife® 500*

**Developed exclusively for ski lifts and tramways**

**Benefits**

- Provides inner strand preservation to extend rope life
- Allows for visual inspection of rope, reducing down time
- Won't harm rubber, neoprene sheave liners or bull rings
- Non-staining formula adheres to surface without drop off
- Sizes available: 5 gallon pail, 55 gallon drum, 275 gallon tote

**VITALIFE®**  
WIRE ROPE LUBRICANT



# Crosby® Vitalife® Wire Rope Lubricant

## Product Information-Vitalife® 600

Developed exclusively for Re-Lubrication and Maintenance of Elevator Cables

Benefits

- Light bodied, colorless and odorless
- Formulated with “slippage reduction” in mind
- Aids the stopping action of an elevator car by breaking the surface lubrication as the brakes are applied.
- When the car is in motion, the polarity of the lubricant promotes a self healing effect to the surface film of the lubricant.
- Easily penetrates to the core of the cable
- Offers maximum corrosion and oxidation protection



# Crosby® Vitalife® Wire Rope Lubricant

## *Product Information-Vitalife® 600*

### Applications

- Use on vertical and horizontal running wire rope
- Excellent for installations where the control of slippage and or moisture detection is important
- May be applied to wire rope by brush, swab, drip, spray, wick applicators, automatic spray or drip systems and pressure lubricators



# Crosby® Vitalife® Wire Rope Lubricant

## *Product Information-Spray Applicators*

Designed and built to make application of Vitalife® products easier and more efficient

**Features**

- Designed and manufactured to work in the rugged field conditions of the construction industry.
- Applicator seals are specially designed to work with Vitalife® 400 and BIO-LUBE products.
- Each applicator comes complete with various spray nozzles designed for specific applications.
- Replacement nozzle kits available.
- Three types of VSP applicators available.



Backpack Model  
(4 gallon)



Hand Held Model  
(1.5 liters)



Upright Model  
(3.5 gallon)

# Crosby® Vitalife® Wire Rope Lubricant

## Product Comparison Chart

	400	BIO-LUBE	500	600
<b>Operating Temp. Range</b>	-50° to 300°F	-32° to 550°F	-18° to 490°F	-60° to 300°F
<b>Typical Use(s)</b>	General purpose; bridges, tramways, cableways, cranes, escalators, derricks, masts, hoist ropes, draglines, conveyors, material handling equipment	General purpose; environmentally friendly. Same uses as Vitalife 400 ® product	Ski-lift ropes; other installations where natural or synthetic rubbers are used in bullrings or sheave liners	Elevator wire rope cables
<b>Odorless</b>	No	No	No	Yes
<b>Color</b>	Clear	Clear	Clear	Clear
<b>Packaging</b>	12 oz. cans 5 gallon pails 55 gallon drums 275 gallon tote	12 oz. cans 5 gallon pails 55 gallon drums 275 gallon tote	5 gallon pails 55 gallon drums 275 gallon tote	Quarts Gallons 55 gallon drums 275 gallon tote
<b>Special Order</b>	No	No	Yes	Yes
<b>MSDS Available</b>	Yes	Yes	Yes	Yes

# Crosby® Vitalife® Wire Rope Lubricant

## Product Comparison Chart-Cont.

	<b>400</b>	<b>BIO-LUBE</b>	<b>500</b>	<b>600</b>
<b>Made in USA</b>	Yes	Yes	Yes	Yes
<b>Creeps to core of rope</b>	Yes	Yes	Yes	Yes
<b>Self healing surface film</b>	Yes	Yes	Yes	Yes
<b>Displaces water</b>	Yes	Yes	Yes	Yes
<b>Biodegradable</b>	No	Yes	No	No
<b>Extends wire rope life</b>	Yes	Yes	Yes	Yes
<b>Corrosion protection</b>	Yes	Yes	Yes	Yes
<b>Rust protection</b>	Yes	Yes	Yes	Yes
<b>Pressure application required</b>	No	No	No	No
<b>Industries served</b>	Surface/underground mining, bridge construction and maintenance, marine, ports, construction, gas petroleum	Surface/underground mining, bridge construction and maintenance, marine, ports, construction, gas petroleum	Ski lift industry, tramway ropes	Elevator maintenance companies, both major and independent