



## Wirelife® Almasol® Coating Lubricant (2002)

### *Self-Healing Fluid Seals & Protects Surfaces*

.....

Wirelife® Almasol® Coating Lubricant (2002) is a fluid wire rope lubricant that provides a tough outer coating to seal and protect against fretting corrosion, wear and rust – even under extreme load and moisture. It seals and protects better than any product available. When used in conjunction with Wirelife Monolec® Penetrating Lubricant, maximum protection and wear reduction is achieved.

In addition to its primary function as a coating, it also provides moderate penetration – depending on the tightness of tolerances and the temperature when applied. It contains a petroleum solvent to enhance its ability to penetrate. The solvent evaporates, leaving behind a self-healing, nontacky, protecting film that is highly resistant to wash-off from both fresh and salt water.



### **Beneficial Qualities**

#### ***Durable Coating***

- Protects from water washing, exposure and acid
- Repels dirt and prevents buildup of abrasive or corrosive particles
- Does not drip, run or sling off during application or in use

#### ***High Load-Carrying Capacity & Smooth Operation***

- Has excellent extreme pressure characteristics
- 60-lb Timken OK load is among the highest of available wire rope lubricants
- Prevents snatching of wire rope and sheaves
- Protects sheaves, drums, pins and rollers from excessive wear
- Protects against fretting wear, a major cause of wire rope failures

#### ***Rust & Corrosion Protection***

- Performs well in marine environments
- Provides outstanding rust protection and is an excellent metal preservative for all types of equipment
- Requires just a single application to prevent rust on steel parts in long-term storage

#### ***Wide Temperature Range***

- Performs well and remains flexible in a broad temperature range
- Does not drip in hot weather or chip in cold

#### ***Safe & Easy Application***

- Requires no heating or melting prior to application
- Can be sprayed on with automatic equipment or hand-applied with a brush

### **Proprietary Additive**

LE's proprietary additives are used exclusively in LE lubricants. Wirelife Almasol Coating Lubricant contains Almasol.

Almasol® wear-reducing additive attaches itself to metal surfaces in a single microscopic layer, yet will not build on itself or affect clearances. It possesses tremendous load-carrying capacity, is impervious to acid attack and minimizes metal-to-metal contact and the resulting friction and wear. When added to LE lubricants, it provides a level of protection available with no other lubricant.



## Wirelife® Almasol® Coating Lubricant

	<u>2002</u>
<b>Color</b>	Brown
<b>Viscosity-Brookfield @ 25°C (77°F) as applied, cP, ASTM D2983</b>	2,000-5,000
<b>Flash Point °C (°F) as applied</b>	60 (140)
<b>Pour Point °C (°F) as applied</b>	9 (49)
<b>Copper Corrosion 3 hrs @ 100°C (212°F), ASTM D130</b>	1b
<b>Oxidation drop in psi @ 100 hrs, ASTM D942</b>	6
<b>Falex Pin &amp; Vee Block EP lbf, ASTM D3233</b>	3,750+
<b>Timken OK Load lbs, ASTM D2782</b>	60
<b>Four-Ball EP Weld Point kgf, ASTM D2783</b>	400
<b>Four-Ball EP Load Wear Index kgf, ASTM D2783</b>	56
<b>Four-Ball Wear @ 75°C (167°F), 1,200 rpm, 40 kgf, 60 min, mm wear, ASTM D4172</b>	0.43
<b>Humidity Cabinet days*, ASTM D1748</b>	60+
<b>Salt Spray days*, ASTM B117</b>	60+
<b>Immersion Test (5% salt water), days*</b>	100+

\*Dry coating thickness = 4 to 5 mils

### Typical Applications

- Mining and construction
  - Standing and running lines
  - Draglines, cranes and derricks
- Marine environment
  - Cranes, hoists and drilling rigs
- Rust preventative
  - Any metal in harsh environments
  - Metal equipment parts in long-term storage



### Caution

#### Contains a combustible petroleum solvent

- Use with adequate ventilation
- Keep containers tightly closed when not in use
- Consult MSDS for further information

Wirelife® and Almasol® are registered trademarks of Lubrication Engineers, Inc.