



## Wirelife™ Almasol® Coating Grease

**Tacky Grease Resists Water, Protects Moving Parts**

Wirelife™ Almasol® Coating Grease is a soft, semifluid formulation designed to coat all moving chain and cable parts to ensure smooth, quiet operation and a long life. Its tacky, water-resistant characteristics enable it to adhere strongly to rapidly moving parts and to seal out damaging moisture. Available in two NLGI grades, Wirelife Almasol Coating Grease contains Almasol, LE's exclusive wear-reducing additive that protects against premature wear and shields metal against corrosive attack.



### Beneficial Qualities

#### **Wear Reduction & Corrosion Protection**

- Lubricates and reduces wear to all moving parts, including chains (links, pins, bushings) and cables (sheave bushings and bearings, cable strands)
- Protects wear-intensive areas such as chain sprockets and cable sheaves
- Lessens resistance when surfaces slide over one another, ensuring cooler operation
- Seals all surfaces, protecting against rust and corrosion
- Shields against acid attack

#### **Tackiness & Water Resistance**

- Clings tightly to pin, bushing or bearing surfaces
- Resists sling-off; keeps work area clean
- Stays in place in presence of steam and moisture for long service life
- Increases service intervals, requiring less lubricant to be used

#### **Smooth, Quiet Operation**

- Enables metal joints and strands to move freely
- Softens shocks with its full-bodied, semifluid properties

#### **Versatility**

- Excellent for cables, open or enclosed silent chains and roller chains, as well as chain links, pins, bushings and cable sheave bearings
- Also works great for small, slow-turning gearboxes in which operating temperatures are relatively low (less than 71°C/160°F) and a semifluid grease is required
- USDA H2 approved for nonfood contact areas of food processing

#### **Available Grades**

- NLGI 00 (452)
- NLGI 000 (451)

#### **Proprietary Additive**

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

	<u>452</u>	<u>451</u>
<b>Thickener Type</b>	Calcium	Calcium
<b>Texture</b>	Stringy	Stringy
<b>Color</b>	Red/Gold	Red/Gold
<b>NLGI Grade</b>	00	000
<b>Unworked Penetration @ 25°C (77°F)</b>	415	460
<b>Dropping Point °C (°F)</b>	82 (180)	82 (180)
<b>Base Fluid Characteristics</b>		
<b>Viscosity @ 100°C (212°F), cSt, ASTM D445</b>	11.70	11.70
<b>Viscosity @ 40°C (104°F), cSt, ASTM D445</b>	144.0	144.0

### Recommendations

- Typical operating range is -29°C to 77°C (-20°F to 170°F)
- Not for high temperature use or when gear oil is specified

### Typical Applications

- Chain links
- Pins
- Bushings
- Cable sheave bushings
- Cables
- Open and closed silent and roller chains
- Small, slow-turning gearboxes that require a semifluid lubricant

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