



TECHNICAL DATA BULLETIN

2002 ALMASOL® Wire Rope Lubricant

DESCRIPTION:

A fluid, coating wire rope lubricant which provides a non-tacky durable self-healing film to reduce wear and corrosion under extreme conditions of load and moisture. Penetrates deep into the core of running wire ropes to provide against fretting corrosion. Contains ALMASOL®, LE's exclusive inorganic solid lubricant, to reduce wear and friction.

PHYSICAL CHARACTERISTICS—TYPICAL:

As Applied:

Brookfield Viscosity, cP @ 77°F (25°C)	2000-5000
Flash Point, °F (°C)	140(60)
Pour Point, °F (°C)	49 (9)
Color	Brown

PERFORMANCE TEST RESULTS:

Copper Corrosion ASTM D-130	1b
Falex EP ASTM D-3233, lbs.	3750+
Four-Ball Wear ASTM D-2266	
Scar Diameter @ 40 kg mm	0.43
Four-Ball EP ASTM D-2783	
Weld Point, kg	400
LWI	56
Timken OK Load ASTM D-2509, lbs.	60
Humidity Cabinet ASTM D-1748, days*	60+
Salt Spray ASTM B-117, days*	60+
Immersion Test (5% salt water), days*	
*Dry coating thickness = 4 to 5 mils.	100+
Oxidation ASTM D-942	
Pressure Drop @ 100 hours, psi	6

APPLICATION:

Designed to lubricate and protect all types of wire rope and cables. Provides outstanding wear and rust protection to any heavily loaded wire rope in a corrosive environment. Especially effective in marine environments. Can also be used as an excellent rust

preventative for equipment and other steel parts. LE's 2002 is also available in aerosol cans which contain no chlorofluorocarbons.

CAUTION:

Contains a combustible petroleum solvent. Use with adequate ventilation. Keep containers tightly closed when not in use. Consult Material Safety Data Sheet for further information.

BENEFICIAL QUALITIES:

High load carrying capacity.

Increased wire rope life through decreased rope fatigue.

Excellent corrosion resistance.

Superior lubrication performance.

Non-tacky coating resists abrasive contaminants.

Superior abrasion resistance.

Highly effective in marine environments.

Contains ALMASOL®, LE's exclusive inorganic solid lubricant.

Superior performance as a metal preservative for all types of equipment.

Contains a petroleum solvent to enhance penetration into the rope.

Protects sheaves, drums, pins and rollers from excessive wear.

Self-healing coating. Does not drip in hot weather or chip in cold weather.