

Product Information



Wirelife® Almasol® Syn Coating Lubricant (2022) Synthetic Oil Provides Ultimate Surface Protection

Wirelife® Almasol® Syn Coating Lubricant (2022) is an extremely tacky, nonasphaltic synthetic lubricant with exceptionally high film strength. Perfect for extreme environments and conditions, it is the ultimate outer surface protector for wire rope and cable and comes from the same advanced technology that LE developed to protect large open gears in the mining and quarry industries. It derives its high load-carrying capacity from its synergistic blend of an extreme pressure additive and Almasol, LE's exclusive wear-reducing additive.



Beneficial Qualities

Robust for Heavy Use

- Exhibits exceptionally high film strength due to heavy synthetic base fluid
- Withstands heavy loads and cushions shock loading
- Reduces wear by minimizing wire-to-wire contact within the rope
- Performs better and lasts longer than standard lubricants

Stays Put

- Is extremely tacky
- Clings tenaciously to metal surfaces
- Requires less lubricant consumption and less maintenance

Safe & Easy

- Appears translucent in use, allowing frequent visual safety inspections of the wire rope
- Contains no halogenated compounds or heavy metals that would harm the environment
- Cleared for disposal like any other non-hazardous petroleum oil
- Can be applied manually or through automatic spray lubrication systems
- Will not accumulate on surfaces

Proprietary Additive

LE's proprietary additives are used exclusively in LE lubricants. Wirelife® Almasol® Syn 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.



Technical Data

Wirelife® Almasol® Syn Coating Lubricant

	2022
Color	Purple
Gravity °API, ASTM D1298	25.8
Viscosity @ 100°C (212°F), cSt, w/o diluent, ASTM D445	1,104
Viscosity @ 40°C (104°F), cSt, w/o diluent, ASTM D445	36,070
Viscosity @ 40°C (104°F), cSt, w/ diluent, ASTM D445	6,000
Viscosity Index min, ASTM D2270	190
Flash Point °C (°F), (COC), w/ diluent, ASTM D92	112 (235)
Pour Point °C (°F) w/diluent, ASTM D95	0 (32)
Diluent	Yes
Rust Test 4 hrs @ 60°C (140°F), DI H ₂ O, ASTM D665A	Pass
Rust Test 4 hrs @ 60°C (140°F), Sea H ₂ O, ASTM D665B	Pass
Copper Corrosion 3 hrs @ 100°C (212°F), ASTM D130	1b
Timken OK Load lbs, ASTM D2782	95
Four-Ball EP Weld Point kgf, ASTM D2783	400
Four-Ball EP Load Wear Index kgf, ASTM D2783	95
FZG Fail Stage	14+
SRV-EP @ 121°C (250°F), 1 mm stroke, 50 Hz frequency, ball on disc, max load w/o seizure, N, ASTM D5707	1,200

Typical Applications

- Mining and construction
 - Standing and running lines
 - Draglines, cranes and derricks
- Marine environment
 - Cranes, hoists and drilling rigs

Caution

Contains a combustible petroleum solvent

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



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