



WIRE ROPE LUBRICANT

PREMIUM WIRE ROPE AND CABLE PROTECTANT

Royal Purple's Wire Rope Lubricant contains specially formulated synthetic lubricants, penetrants and synthetic additives, which significantly extend the service life of wire ropes over a wide range of temperatures and working conditions common to the mining, marine and construction industries. Wire Rope Lubricant has state-of-the-art corrosion inhibitors, exceptional penetrating and wetting ability and a strong adhesive film to keep the lubricant in place.

Synslide® additive technology, Royal Purple's tough, EP lubricating film, provides maximum protection under boundary lubrication conditions typically caused by heavily loaded, slow speed and / or shock load conditions. This tenacious, slippery film significantly improves lubrication and reduces wear by increasing the

oil film thickness and toughness, which helps to prevent metal-to-metal contact in gears and bearings. Synslide® additive technology is noncorrosive to gears, bearings, and any other metallic equipment components. Synslide® additive technology displaces water from metal surfaces and excels in protecting equipment in wet environments. It also fortifies the oil against the detrimental effects of heat, which causes oil to oxidize.

Wire Rope Lubricant may be brushed, rolled, dipped or sprayed onto wire ropes and cables, and will then penetrate in between strands and adhere to all metallic surfaces. Wire ropes and cables should be cleaned of any asphaltic coatings prior to application of Wire Rope Lubricant to allow proper penetration and lasting protection.

PERFORMANCE ADVANTAGES

High Film Strength – Synslide® additive technology dramatically reduces metal-to-metal contact, friction, and wear

Exceptional Penetrating/Wetting – Penetrates, coats, and protects wire ropes over a wide range of working conditions

Unsurpassed Corrosion & Rust Protection – Prevents chemical attack damage to internal and external surfaces

Excellent Surface Adhesion – Tackiness and additive ionic bond to metal surfaces keeps oil in place; displaces water

Outstanding Fluidity – Does not harden or crack, even at sub-freezing temperatures; maintains consistent protective film

Free Of Lubricating Solids – Wire Rope Lubricant contains no insoluble additives like graphite or molybdenum disulfide, which can accumulate and build-up over time, creating unnecessary mess



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TECHNICAL DATA

Property	Test Method	
ISO Grade	ISO 3448	460
AGMA Grade	--	7EP
Viscosity @ 40°C, cSt	ASTM D445	478
Viscosity @ 100°C, cSt	ASTM D445	35.4
Viscosity Index	ASTM D2270	112
Specific Gravity, @ 60/60°F	ASTM D4052	0.934
Flash Point, °F/°C	ASTM D92	207 (405)
Pour Point, °F/°C	ASTM D97	-36 (-33)
Cu Corrosion, 3hr @ 100°C	ASTM D130	1A
Rust Preventing, Fresh Water	ASTM D665A	PASS
Rust Preventing, Salt Water	ASTM D665B	PASS
4-Ball EP, Weld Load, kg	ASTM D2783	315
Timken OK Load	ASTM D2782	>90

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