



Wire Rope Lubricant Low Viscosity

PRODUCT DESCRIPTION

Bel-Ray® Wire Rope Lubricant Low Viscosity, commonly known as Bel-Ray Wire Rope Lubricant, is specially formulated for ropes requiring a penetrating lubricant. Wire Rope Lubricant Low Viscosity's penetrating action draws the lubricant to the core, coating the inner strands, protecting them from rubbing wear and corrosion. Wire Rope Lubricant Low Viscosity exhibits superior water displacement to provide a positive film, even on wet ropes. The antiwear and anti-corrosion properties protect the wire rope inside and out, as well as protecting sheaves and drums.

Wire Rope Lubricant Low Viscosity contains a powerful water displacing agent to facilitate application directly on to wet ropes. It provides excellent adhesive properties, reducing consumption, and has high load carrying additives to extend rope life. The inclusion of inhibitors reduces corrosion and rust. It can be applied manually or through most automatic lube systems.

PRODUCT FEATURES and Benefits

- All-season Has a useful application temperature range of -46°C to 60°C (-50°F to 140°F). No change grades as temperatures fluctuate.
- Water Displacement Proprietary water displacing agent allows for relubrication directly on to wet ropes.
- Semi-dry film Being non-sticky in nature, will not attract dirt, dust or other abrasive contaminants.
- Anti-wear properties Provides extended rope life and added serviceability to sheaves and drums.
- Corrosion inhibited Protects ropes from internal rust and subsequent strand failure.

APPLICATIONS

- Mining- dragline drag and hoist ropes, drift ropes, crane cables, winch ropes and tow cables
- Marine- tug tow ropes, shipboard crane cables and winch ropes

PRODUCT DATA

Typical Properties		
Property	Test Method	
Base Fluid Viscosity @ 40°C (cSt)	ASTM D445	401.0
Base Fluid Viscosity @ 100°C (cSt)	ASTM D445	28.7
Base Fluid Viscosity Index	ASTM D2270	99
Viscosity @ 40°C (cSt) (Diluted)	ASTM D445	14.2
Viscosity @ 100°C (SUS) (Diluted)	ASTM D2161	74.3
Copper Corrosion, 3 h @ 100°C (Rating)	ASTM D130	1b
Rust Prevention	ASTM D665A&B	Pass
Falex Pin & Vee Block Test Method B, non seizure load (lbf)	ASTM D3233	3000
Flash Point, °C (°F)	ASTM D92	47 (116)
Color		Opaque Brown

HEALTH and SAFETY

Health and safety recommendations for products can be found on the Safety Data Sheet (SDS) at www.belray.com