



SLS Wire Rope Lubricants

Description

The SLS Wire Rope Lubricants were specifically designed for the lubrication of wire ropes used in the harsh environments and applications of the mining and construction industries. There are two grades, Heavy #5 and Light #2.

The SLS Wire Rope lubricants are formulated to provide maximum protection to both the outside and the inside of the wire ropes. The two grades are formulated with premium quality petroleum base oils with the latest anti-wear additive technology that provide an effective film forming combination to protect the outside of the wire ropes and sheaves and drums over which the ropes are drawn. In addition, the two wire rope lubricants are formulated with polar materials that help the lubricant penetrate to provide excellent corrosion and wear protection to the inner strands, extending the life of the wire rope.

The SLS Wire Rope Lubricants are formulated with the most advanced rust and corrosion inhibitors to protect all of the external and internal strands against any harsh environmental or process contaminants.

When applied properly, the SLS Wire Rope Lubricants significantly reduce lubricant consumption when compared to conventional wire rope lubricants.

The SLS Wire Rope Lubricants are formulated to minimize potential environmental pollutants (no Heavy Metals, no chlorinated additives, no solvents).

Features & Benefits

- 1- Formulated to address environmental concerns – in addition to reducing consumption, the SLS Wire Rope Lubricants contain no chlorinated components, and they are free of solvents, lead, antimony and barium.
- 2- Formulated to form a tough durable and pliable film which protects the outside of the wire rope, reducing friction and wear when the ropes are drawn through the sheaves and the drums, extending their life.
- 3- Formulated to penetrate the rope to provide wear and corrosion protection to the inner strands, which leads to extended life of the rope.
- 4- Formulated to provide excellent water resistance (rain or sleet) and resists peeling off in dry and dusty conditions which leads to less contamination into the environment.
- 5- The film does not build-up in the wire rope which leads to less down time.
- 6- Formulated to provide excellent resistant to rust and corrosion which leads to extended component life.

Applications:

The SLS Wire rope Lubricants typical applications include mining and construction equipment such as standing and running lines, draglines, cranes, and derricks.

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Product Typical Data

Test	Method	Test Data	
Base Fluid Properties		Wire Rope Heavy #5	Wire Rope Light #2
-cSt @ 100 C	ASTM D-445	14.5	3.5
-cSt @ 40 C	ASTM D-445	280.0	20.0
-VI	ASTM D-2270	6.0	2.0
Pour Point (deg F/C)	ASTM D-97	15/-9	-45/-43
Flash Point (deg. F)	ASTM D-92	400+	305
4-ball EP, weld point, kg.	ASTM D-2783	400	400
4-ball EP, LWI	ASTM D-2788	50	50
4-ball wear, scar dia. Mm.	ASTM D-2266	<0.50	<0.50