



## SUPERIOR WIRE ROPE LUBRICANT PENETRATING LUBRICANT

Superior Wire Rope Lubricant will penetrate to the core of ropes of all sizes. Once inside it begins to increase in viscosity. The increase brings the viscosity to approximately that of honey, improving both wear protection and water resistance. The increased viscosity also prevents loss of lubricant, whether from normal operation of the rope or water washout. Economies are achieved from reduced lubricant consumption, but more importantly though extended life of the wire rope. The sheaves and rope drums also benefit from the coating on the rope.

Wire ropes are similar to machines in that they consist of many moving parts that rub together during operation. In the case of wire ropes, the parts rub slowly, and often very forcibly. High viscosity lubricants are ideal for slow-moving, heavily loaded situations like this. Superior Wire Rope Lubricant provides that, but it provides more. When ropes operate under extreme load metal-to-metal contact will occur despite the high-viscosity lubricant. This is where anti-wear additives are needed. These combine chemically with the metal to form a hard, microscopically-thin layer that is continuously re-forming as it gets rubbed off by friction. This is what Superior Wire Rope provides, the viscosity and additives systems to preserve ropes from wear.

### BENEFITS:

- RESISTS WATER – ideal for underwater use, including sea water.
- REDUCED COST OF MAINTENANCE – ropes last longer.
- REDUCED COST OF LUBRICANT- low consumption.
- SAFE TO USE – contains no hazardous materials.

### APPLICATIONS:

Can be used to lubricate wire ropes of all sizes, especially in highly contaminated areas. It is also useful for chains, leaf springs and other applications where a penetrating oil is needed.

ASTM #	CHARACTERISTICS	
	<b>Appearance</b>	Viscous translucent fluid with high adhesiveness.
	<b>Color</b>	Amber
<b>D-445</b>	<b>Kinematic Viscosity</b> cst @ 40°C	40,000
<b>D-97</b>	<b>Pour Point, °F (°C)</b>	32 (0)
<b>D-92</b>	<b>Flash Point</b> Pensky Martens Closed Cup, °F (°C)	480 (250)
	<b>Solubility in fresh or saline water</b>	Insoluble
	<b>Application temperature range:</b>	
	°F	+5 to 140
	°C	-15 to 60

The above are typical values. Minor variations which do not affect product performance are to be expected in normal manufacturing.



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