



# TECHNICAL DATA SHEET

## WIRE ROPE LUBRICANT

Wire ropes contain numerous moving parts which require lubrication. Each time the rope bends or flexes, the internal strands rub together. Whitmore's Wire Rope Lubricant coats these strands to prevent friction and wear. This results in longer wire rope life, less downtime for rope changes and more production.

Whitmore's Wire Rope Lubricant quickly penetrates to the core. This ensures that the rope is lubricated throughout while providing a nondrying, nontacky film on the outside of the rope which protects outer strands from corrosion as well as lubricating the wire rope drums and sheaves.

Whitmore's Wire Rope Lubricant is easily pumpable at temperatures down to -25°F (-35°C). Its nondrying film remains flexible in the most extreme weather conditions which eliminates flaking and peeling.

### BENEFITS:

- **PROLONGS WIRE ROPE LIFE** - readily penetrates to the core and lubricates internal strands.
- **NONTACKY** - eliminates dirt pick-up and lubricant sling-off.
- **EXTREME LOAD-CARRYING ABILITY** - extends wire rope life and minimizes downtime.
- **AVAILABLE IN AN AEROSOL SPRAY** - lubricates hard-to-reach areas.

### APPLICATIONS:

Whitmore's Wire Rope Lubricant can be used to lubricate all sizes of wire rope as well as chains, leaf springs and other applications where a penetrating oil is needed. It may also be applied by hand or automatic lubrication system.

### RECOMMENDED APPLICATION RATES:

Drip System: **First Week** - 3 drops per minute per inch diameter rope. **Second Week and Thereafter** - 1 drop per minute per inch diameter rope.

Spray System: Every 15 minutes for 30 seconds (on payout only).

ASTM #	ISO Grade	TYPICAL CHARACTERISTICS
D-445	<b>Kinematic Viscosity</b>	22
	cSt @ 40°C	22
D-2161	cSt @ 100°C	4
	<b>Saybolt Viscosity</b>	
D-2270	SUS @ 100°F	118
	SUS @ 210°F	39
D-97	<b>Viscosity Index</b>	25
Gardner Method	<b>Pour Point, °F (°C)</b>	-40 (-40)
	<b>Density, lb/gal @ 60°F (15.5°C)</b>	7.58
D-92	<b>Specific Gravity, g/cc @ 60°F (15.5°C)</b>	0.910
D-92	<b>Flash Point, °F (°C) Cleveland Open Cup</b>	325 (163)
D-2783	<b>Fire Point, °F (°C) Cleveland Open Cup</b>	360 (188)
D-4172	<b>Four Ball EP</b>	
	Weld Point, kg	160
D-665	Load Wear Index	50
D-130	<b>Four Ball Wear, Scar Width, mm @ 40 kgf</b>	0.35
	<b>Rust Test</b>	
	Distilled Water	Pass
	Synthetic Sea Water	Pass
	<b>Copper Strip Corrosion</b>	
	212°F (100°C) @ 3 hr	1B

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

### PACKAGING

Shuttle Tanks	Nonreturnable Totes	Drums	Kegs	Pails	Aerosol Cans 12 per case
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### THE WHITMORE MANUFACTURING COMPANY

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