

DRAG ROPE LUBRICANT

Drag ropes exhibit a different wear pattern than hoist or most other wire rope applications. Typically, wire rope wear occurs on interior strands due to the flexing and bending of the rope over sheaves, fairleads or pulleys. Drag rope, however, is worn on the exterior due to its being drawn over the edge of the excavation cut or through the spoil pile. Accordingly, drag rope lubrication must be approached differently than by simply applying a penetrating wire rope lubricant such as that used historically on hoist and other rope applications.

Whitmore's Drag Rope Lubricant contains both extreme pressure and antiwear additives that protect the rope as it is drawn through abrasive soil and rock. These additives, combined with special rust and corrosion inhibitors, greatly extend drag rope life, which lowers operating cost and improves productivity.

Whitmore's Drag Rope Lubricant is the product of a heavy asphaltic oil, cut back with a TCLP-SAFE nonchlorinated solvent, which, when dry, leaves the rope covered with a tough and durable coating.

BENEFITS:

- **TCLP-SAFE** - passes EPA Toxicity Characteristic Leaching Procedure, which reduces disposal costs.
- **EXCELLENT ANTIWEAR AND EP CAPABILITY** - greatly extends drag rope life and lowers operating cost.
- **RUST PROTECTION** - selected additives protect against rust and corrosion formation.
- **NONCHLORINATED FORMULATION** - no ozone depleting chemicals. Safe for environmental use.

APPLICATIONS:

All types of drag ropes are commonly found in heavy mining and quarries and other mineral processing facilities. Excellent for all types of dredging operations.

Easily applied by automatic or manual systems. Whitmore's Drag Rope Lubricant dries quickly to a tack-free finish.

ASTM #		TYPICAL CHARACTERISTICS
D-455	Kinematic Viscosity , (base oil before addition of solvent)	
	cSt @ 40°C	783,000
	cSt @ 100°C	1,104
D-455	Kinematic Viscosity , (complete product with solvent)	
	cSt @ 40°C	1,381
	cSt @ 100°C	59
Gardner Method	Density , lb/gal @ 60°F (15.5°C)	8.14
	Specific Gravity , g/cc @ 60°F (15.5°C)	0.977
	Saybolt Viscosity	
	SUS @ 100°F	6,700
	SUS @ 210°F	280
D-93	Flash Point , °F (°C) Pensky-Martens	145 (63)
D-2783	Four Ball EP	
	Weld Point, kg	250
D-4172	Four Ball Wear	
	Scar Width, mm @ 40 kgf	0.50
D-665	Rust Test , Distilled Water	Pass

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

PACKAGING

Shuttle Tanks	Drums
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