



TECHNICAL DATA SHEET

DRAG ROPE LUBRICANT HF

Whitmore's Drag Rope Lubricant HF is equally beneficial to ropes and sheaves. It coats the external strands of wire ropes, then transfers to the sheave contact areas and protects both the rope and sheave. Rope life is extended and sheave rebuild and replacement costs are dramatically reduced.

Whitmore's Drag Rope Lubricant HF is a blend of anti-wear additives in a heavy asphaltic base. The viscosity is reduced using a TCLP-SAFE non-chlorinated solvent. After application to the rope, the solvent dries and a durable coating forms on both rope and sheave.

On some Draglines, in certain dig and dump cycles, the sheave can rotate momentarily in the opposite direction to the travel of the rope. Drag Rope Lubricant HF forms a coating that is dense enough to prevent sliding abrasion that can shorten the life of components.

With Drag Rope Lubricant HF there is some penetration into the rope, but it does not reach the inner strands and does not dilute the grease that was installed by the original equipment manufacturer.

BENEFITS:

- TCLP-SAFE - passes EPA Toxicity Characteristic Leaching Procedure, which reduces disposal costs.
- EXCELLENT ANTIWEAR AND EP CAPABILITY - greatly extends the life of ropes and sheaves.
- RUST PROTECTION - selected additives protect against rust and corrosion formation.
- NON-CHLORINATED FORMULATION - no ozone depleting chemicals.

APPLICATIONS:

Drag Rope Lubricant HF can be used to extend the life of any wire rope including Hoist and Drag ropes on Draglines, and ropes used on Cranes and Mining Shovels.

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 cSt @ 100°C	783,000 1,104
D-455	Kinematic Viscosity , (complete product with solvent) cSt @ 40°C cSt @ 100°C	1,381 59
	Saybolt Viscosity SUS @ 100°F SUS @ 210°F	6,700 280
Gardner Method	Density , lb/gal @ 60°F (15.5°C) Specific Gravity, g/cc @ 60°F (15.5°C)	8.100 0.9736
D-93	Flash Point , °F (°C) Pensky-Martens	250 (121)
D-2783	Four Ball EP Weld Point, kg	250
D-4172	Four Ball Wear Scar Width, mm @ 40 kg	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

One-Way Totes (Plastic or Cardboard)	Metal Shuttle Tanks	Drums
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