



Cable Lube

Phillips 66® Cable Lube is a heavy duty lubricant developed for the lubrication and preservation of wire ropes and cables. It is formulated with a heavy residual base oil along with special rust and corrosion inhibitors and is cut back with a volatile, non-chlorinated solvent for ease of application without heating. Its low viscosity and special wetting properties permit penetration to the core of the wire rope or cable. The solvent then evaporates, leaving a tough, semi-fluid lubricant in the core and on each wire strand.

Cable Lube clings tenaciously and is not readily displaced by water, reducing internal friction and wear between the wire strands while the exterior coating protects, lubricates and cushions the cable around sheaves and drums. The residual film remains pliable even at low ambient temperatures.

Applications

- Wire ropes and cables
- Hoists, cranes and aerial tram-ways
- Logging and mining equipment
- Mill machinery
- Open and semi-enclosed gears and pinions
- Guides and sliding surfaces

Note: Whenever possible, Cable Lube should be applied when the cable is flexing, such as when it is going over a sheave. This facilitates penetration of the lubricant to the core and permits more uniform coating of the wire strands. It is desirable, but not necessary, to clean the cable before application.

CAUTION: Cable Lube should not be stored near sources of heat. The container should be tightly closed to avoid fire hazard and to reduce loss of solvent. Loss of solvent decreases the penetrating qualities of the lubricant. During application, proper precautions should be taken to ensure adequate ventilation and attention should be given to any potential fire hazards.

Features/Benefits

- Good penetrating ability
- Preserves and conditions hemp cores
- Reduces friction and wear between wire strands
- Resists sling-off during high speed operation
- Excellent resistance to water washout
- Excellent rust and corrosion protection

Multipurpose Wire Rope & Cable Lubricant





Cable Lube

Typical Properties		
ISO Grade (with solvent)		15
Color		Black
Texture (after solvent evaporation)		Tacky
Specific Gravity, @ 60°F		0.880
Density, lbs/gal @ 60°F		7.33
Flash Point (with solvent), °C (°F)		82 (180)
Pour Point (with solvent), °C (°F)		-42 (-44)
Viscosity, Kinematic	ASTM D445	
Viscosity @ 40°C, cSt		1362
Viscosity @ 100°C, cSt		146
Viscosity, Kinematic (with solvent)	ASTM D445	
Viscosity @ 40°C, cSt		14.3
Four-Ball Wear Scar, mm	ASTM D2266	0.42
Four-Ball EP, Weld Load, Kgf	ASTM D2596	200

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet via <http://www.phillips66.com/SDS>