



LUBRICANTS

## 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 and 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 evaporates, leaving behind a tough, semi-fluid lubricant in the core and on each wire strand.

Cable Lube clings tenaciously and is not readily displaced by water. It contains an effective rust inhibitor for further protection. Between treatments, lubrication is supplied from the core, which acts as a reservoir to distribute the lubricant to each wire and strand.

Cable Lube reduces friction and wear between the wires and strands. The coating on the exterior of the cable protects and lubricates the cable and serves as a cushion between the cable and the sheaves or drums. This residual film remains pliable even at low ambient temperatures.

## Applications

- Wire ropes and cables
- Hoists, cranes and aerial tramways
- 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 the penetration of the lubricant to the core and permits more uniform coating of the wire strands. It also 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 due attention should be given to any potential fire hazard.

## Features/Benefits

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

## Multipurpose Wire Rope & Cable Lubricant

KEEPING THE  
WORLD  
RUNNING  
SMOOTHLY.





## Cable Lube

Typical Properties	
<b>ISO Grade (with solvent)</b>	<b>15</b>
Specific Gravity @ 60°F	0.883
Density, lbs/gal @ 60°F	7.36
Color	Black
Flash Point, COC, °C (°F)	82 (180)
Pour Point, °C (°F)	-60 (-76)
Texture (after solvent evaporation)	Tacky
Viscosity, with solvent:	
cSt @ 40°C	14.5
SUS @ 100°F	80
Viscosity, without solvent:	
cSt @ 40°C	1,375
cSt @ 100°C	150
SUS @ 100°F	7,100
SUS @ 210°F	722
Viscosity Index (without solvent)	127
Four-Ball EP, ASTM D2596, Weld Load, kgf	250
Four-Ball Wear, ASTM D2266, Scar Diameter, mm	0.40

## 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/EN/products/Pages/MSDS.aspx>.

