



Lubricating wire ropes, Chains is a difficult proposition, regardless of the construction and composition. Ropes with fiber cores are somewhat easier to lubricate than those made exclusively from steel materials.

For this reason, it is important to carefully consider the issue of field relubrication when selecting rope for an application.

There are two types of wire rope lubricants, penetrating and coating.

1. Penetrating lubricants contain a petroleum solvent that carries the lubricant into the core of the wire rope then evaporates, leaving behind a heavy lubricating film to protect and lubricate each strand.

2. Coating lubricants penetrate slightly, sealing the outside of the cable from moisture and reducing wear and fretting corrosion from contact with external bodies.

Asphaltic compounds generally dry to a very dark hardened surface, which makes inspection difficult. They adhere well for extended long-term storage but will crack and become brittle in cold climates. Asphaltic are the coating type.

Thickener Type	Lithium Polymer	
Texture	Tacky/Smooth	
Density @ 15°C	Kg/L	0.92
Drop Point	°C	270
Worked Penetration 60 stroke at 25°C	0,1 mm	265/295
Timken Load OK	Lb	60



WIROGREASE EP is LITHIUM based compounds traditionally used as wire ropes and open-gear lubricants are eminently satisfactory in the normal temperature ranges, but tend to harden and flake off at very low temperatures, to soften and drip off at very high temperatures and to 'ball-up' in dusty conditions.

WIROGREASE EP remains in place despite extremes of temperature and its powers of adhesion give a high resistance to water wash-off.

The typical applications of this product are those in which 'dipper - stick' lubricants are customarily used-open gears and muff couplings, for example, on cranes and winches-and where hot, wet, cold or dusty conditions may be encountered, also can be used for cable sling, chain, and other as rust protection.

For the cleanest and most economical use, it should be applied to the tooth flanks by cartridge type dispenser.

WIROGREASE EP is also an effective lubricant for the 'fifth-wheel' of articulated vehicles.

WIROGREASE EP have two principal functions:

1. To reduce friction as the individual wires move over each other.
2. To provide corrosion protection and lubrication in the core and inside wires and on

