



WIROIL TC Open Gear Greases contain special functional fillers such as molybdenum disulfide and graphite, which impart a long-lasting film on working surfaces.

They also contain tackiness additives, wetting agents and rust inhibitors to protect metal surfaces.

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.



GRADE	UNIT	WIROIL TC
Thickener		Carbon Black/Polymer
Texture		Tacky/Semifluid
Colour		Black
Density @15°C	Kg/L	1,009
Drop Point	°C	330
Work Penetration 60 strokes @ 25 °C	0.1mm	265/295
Timken OK Load	1b	60
Rusting Test	Rating	0

WIROIL TC IS bitumen 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.

WIROIL TC 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.

WIROIL TC is also an effective lubricant for the 'fifth-wheel' of articulated vehicles.

WIROIL TC IS 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 the exterior surfaces.

