

Product Information: Wire Rope Compound

Description

Wire Rope Compound is a superior semi-synthetic compound developed for the lubrication and protection of open gears and wire ropes subjected to extremes of ambient temperature and operating condition. The unique formulation offers full extreme pressure performance and incorporates solid lubricants to offer superb load carrying capacity as well as reducing contact temperatures, surface pitting and alleviating 'stick-slip' conditions. The product exhibits excellent physical and mechanical stability as well as resisting water wash-off either by immersion or spray. The product remains soft and pliable over long periods, hence eliminating lubricant build-up. The product offers outstanding protection against corrosion and repels dirt and dust. The product is both lead and solvent free offering environmental compliance.

Applications

Intended for use on mooring, static and slow-moving wire ropes including those intermittently immersed in salt water. Heavily loaded open gears including those found in grinding mills, kilns, shovels, draglines, ship loaders, stackers and excavator applications. It may also be used to surface dress slow moving gears which are exposed to the atmosphere and in plain bearings, pivot pins / bushings and articulations found in earth moving equipment

Performance Features

- Reliable wear protection
- Incorporates solid lubricants
- Extreme pressure performance
- Protection against corrosion
- Exceptional physical and mechanical stability
- Excellent anti-wear performance
- Superb load carrying capacity
- Resistant to water wash off
- Wide variety of applications
- Lead and solvent free

Typical Data

Characteristic	Unit	Result	Method
Thickener Type	-	Clay	-
Colour	-	Black	Visual
Four Ball Weld Load	N	6200	ASTM D2596
Four Ball Wear Scar Diam	mm	max 0.67	ASTM D2266
Copper Corrosion	-	max 1b	ASTM D4048
Bearing Corrosion	-	Pass	ASTM D1743
Base Oil Viscosity @ 40°C	cSt	655	ASTM D445
Base Oil Viscosity @ 100°C	cSt	40	ASTM D445
Falex Cont Load, Failure	N	min 20450	ASTM D3233

Figures based on average production values