

Viper WRL Coating Grease VCG-1

Product Information

Coating Lubricant which Penetrates & Protects Wire Ropes

Viper WRL Coating Grease VCG-1, is a technologically advanced lubricant designed to withstand water washout, protect against corrosion, penetrate and also provide extreme pressure protection for winch drums and sheaves. The red tacky NLGI#1 grease will provide superior service life in marine and mining applications with non drip or fling tendencies.

Beneficial Qualities

Provides Superior Protection

- Minimises friction, heat and wear
- Protects against shock loading
- Resists rust, corrosion and oxidation

Seals out moisture

- Will not wash off, even in high turbulent water

Stays Put for Extended Use

- Clings to metal surfaces
- Won't wash off or pound out

Withstands Heat & Cold

- Performs well in broad temperature range
- Has dropping point of up to 177°C (350°F)
- Offers exceptional lubricating qualities even at high operating temps
- Maintains excellent pumpability even at low operating temps

Increases Uptime & Saves Money

- Lowers lubrication costs of wire ropes through increased relubrication intervals of wire ropes
- Reduces machinery downtime when applied with a Viper wire rope lubricator
- Reduces maintenance costs by reducing friction wear and most importantly corrosion in wire rope applications
- Simplifies inventory by being used as a bearing grease and wire rope lubricant.
- Red colour makes it easy to see in service.



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Technical Data

	VCG-1
Thickener Type	Lithium 12-Hydroxy
Texture	Stringy
Colour	Red
NLGI Grade	1
Worked Penetration ASTM D217	320
Dropping Point °C (°F)	177 (350)
Base Fluid Characteristics	
Viscosity @ 100°C, cSt, ASTM D445	11.70
Viscosity @ 40°C, cSt, ASTM D445	144.0
Oxidation drop in psi @ 100hrs, ASTM D942	5
Corrosion Prevention DI H2O, ASTM D1743	Pass
Water Washout ASTM D1264	4.82%
Water Spray ASTM D4049	13.95%



Recommendations

- Suitable for all types of wire ropes requiring a coating type outer strand lubricant with some penetration.
- Ideal for use through the Viper Wire Rope lubricator
- Recommended for submersed applications

Typical Applications

- Crane Wire Ropes
- Shiploader Hoist Luffing Ropes
- Anchor Wire
- Tow Wire
- Tug Boats
- Rov Cables

