



Non-Melt Wire Rope Coating Grease

PRODUCT DESCRIPTION

Bel-Ray® Non-Melt Wire Rope Coating Grease, commonly known as Bel-Ray 803 Grease, is a mineral oil-based and organo-clay thickened grease used for coating wire ropes. Non-Melt Wire Rope Coating Grease is fortified with rust and corrosion inhibitors to provide protection in severe marine environments. It has excellent resistance to softening under extreme working conditions, excellent water resistance and provides protection against fling-off at high wire rope travel speeds.

Non-Melt Wire Rope Coating Grease has low bio-aquatic and acute toxicity and does not harm marine wildlife. It is a heavy grease and passes EPA static sheen test to satisfy marine wire rope lubrication.

Non-Melt Wire Rope Coating Grease is a general purpose, non-melting grease that is formulated for optimum water resistance, adhesion, mechanical stability, corrosion protection and oxidation resistance. The bodying agent in the Non-Melt Wire Rope Coating Grease is a stable chemical compound. This feature makes it completely structurally and chemically stable under all service and storage conditions. It won't corrode steel and copper bearing alloys and is compatible with conventional seal materials and with all Kirkpatrick Wire Rope Lubrication Systems.

PRODUCT FEATURES and BENEFITS

- Organo-clay thickener
- Rust/corrosion inhibited
- Water resistant
- Mechanically stable
- High dropping point
- Good Equipment Protection
- For wet applications
- Retains consistency

APPLICATIONS

- Marine wire ropes
- Industrial cables and wire ropes
- Slings and truck fifth wheels
- Wheel bearings
- Kiln car wheel bearings
- Furnace door bearings
- Heat exchange motor bearings
- Oven conveyor bearings

DISTRIBUTED BY:
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4/30/2026



PRODUCT DATA

Typical Properties		
Property	Test Method	NLGI Grade 3
Thickener Type		Organo-Clay
Worked Penetration @ 25°C, 60 strokes (0.1 mm)	ASTM D217	235
Base Fluid Viscosity @ 40°C (cSt)	ASTM D445	177
Base Fluid Viscosity @ 100°C (cSt)	ASTM D445	16.2
Dropping Point, °C (°F)	ASTM D2265	>260 (>500)
Copper Corrosion, 24 h @ 100°C (Rating)	ASTM D4048	1b
Oil Separation, @ 100°C, 30 h (Wt %)	ASTM D6184	<1
Corrosion Preventive Properties	ASTM D1743	Pass
EMCOR Rust Protection, rating, Distilled Water	ASTM D6138	0, 0
Flash Point (Base Fluid), °C (°F)	ASTM D92	258 (496)
Useful Temperature Range, °C (°F)		-15 to 204 (5 to 400)
Color		Amber

HEALTH and SAFETY

Health and safety recommendations for products can be found on the Safety Data Sheet (SDS) at www.belray.com

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