



Mobilarma 798

Wire Rope Rust Protective and Lubricant

Product Description

Mobilarma 798 is a premium performance, oil-based rust preventive intended to serve as a wire rope lubricant and to prevent rust and corrosion under application and storage conditions. It is used in industrial, mining, and marine applications. Mobilarma 798 has excellent film forming properties and is of grease-like consistency. Its tenacious film protects wire ropes from the corrosive tendencies of salt spray and moisture-laden atmospheres. Mobilarma 798 is effective throughout the extremes of temperatures that may be encountered at sea and gives good protection against mild acids. It is pliable at -35°C and will not drip at 60°C. It resists throw-off in high-speed service and adheres without being tacky or stringy. On application, Mobilarma 798 becomes transparent enabling treated ropes to be visually inspected. The film is self-healing and does not chip.

Mobilarma 798 works well between the strands of wire rope, providing excellent lubrication during flexing. This characteristic reduces wear and improves life. It is compatible with other wire rope core impregnating materials that may have been applied during manufacture.

Features and Benefits

Mobilarma 798 works well between the strands of wire rope, providing excellent lubrication during flexing. This characteristic reduces wear and helps improve life. It is compatible with other wire rope core impregnating materials that may have been applied during manufacture. Its excellent rust and corrosion protection properties substantially reduce the negative effects of fresh water, salt water and mild acids thus improving performance and reducing maintenance costs. It is easy to apply and economical to use.

Features	Advantages and Potential Benefits
Outstanding adhesive characteristics	Resists throw-off Forms transparent film, making rope inspection easier
Excellent rust and corrosion protection	Provides protection against rusting from fresh and salt water over a wide temperature range Protects rope against attack from mild acids
Very good lubrication properties	Reduces wear Improves efficiency
Easy application	Can be applied by brush or swab as received Can be applied by spray, dip, or bath if heated

Applications

Mobilarma 798 can either be applied as received by brush or swab, or by spray, dip, or bath if the product is first heated to 65°C to 80°C in a well ventilated area. For best results, only a thin coat should be applied. New cables or cables regularly maintained with Mobilarma 798 will require no prior preparation. For best results, rusty or dirty wire ropes should be wire brushed and cleaned thoroughly with solvent and dried prior to application of Mobilarma 798.

Mobilarma 798 is recommended for use in the:

- Lubrication and preservation of strands and running ropes in both industrial, mining, and marine applications
- Impregnation of steel wire ropes during manufacture

Typical Properties

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Viscosity, cSt @ 100°C, ASTM D 445	23.1
Dropping point, °C (min), ASTM D 2265	63
Flash Point, °C, ASTM D 92	238
Density @15.6 °C, calculated, lbs/gal	7.36

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit <http://www.exxonmobil.com/> ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

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