

# Mobilarma 798

## Wire Rope Rust Protective and Lubricant

### Product Description

Mobilarma 798 is high performance, oil-based rust preventive intended to serve as a wire rope lubricant and to prevent rust and corrosion under operating 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.

Key features and potential benefits include:

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 both fresh water and salt water over a wide temperature range Protects rope against attack from mild acids
Very good lubrication properties	Reduces wear Improved efficiency
Easy application	Can be applied by brushed or swab as received Can be applied by spray, dip or bath if heated

### Applications

Mobilarrma 798 is recommended for the preservation of both standing and running wire ropes aboard ships. It can also be used effectively on anchor chains. 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.

## Typical Properties

### Mobilarma 798

Viscosity, ASTM D 445, cSt @ 100°C	23.1
Dropping Point, ASTM D 2265, °C, min	63
Flash Point, °C, ASTM D 92, min	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, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request through your sales contract office, or via the Internet on <http://www.exxonmobil.com>. 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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ExxonMobil Lubricants & Specialties

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