Mobilarma 700 Series

Mobil Industrial , Germany

Premium Performance Rust Preventives

Product Description

The Mobilarma 700 Series contains three premium performance rust preventives that cover a range of applications including storage and inter-operational activities. The Mobilarma 778 is intended for protection cold-rolled sheet and coiled steel in the metal industry. Mobilarma 798 is intended for the lubrication and rust protection of wire rope in industrial, construction, mining and marine applications. The Mobilarma 700 Series products exhibit excellent water displacing properties and form thin tenacious films that protect surfaces even under severe conditions that include high moisture levels and exposure to acid or corrosive fumes.

The Mobilarma 778 forms wet, oily and extremely thin barrier films that are not tacky so that it will not attract dirt or other foreign matter. It will protect sheet and coiled steel for up to twelve months, even under severe conditions that include variations in humidity and exposure to acid fumes that might be found in the vicinity of pickling operations.

Mobilarma 798 forms a grease-like film that protects wire ropes from corrosion tendencies of salt spray and moisture- laden atmospheres. It is effective throughout the extremes of temperature 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. The film is self-healing and does not chip.

Features and Benefits

Mobilarma 778 provides an effective and cost efficient means of protecting cold-rolled sheet and coiled steel prior to processing and during storage. It provides extended protection, even under severe storage conditions resulting in less reject and scrapped materials.

Mobilarma 798 works well between the strands of wire rope providing excellent lubrication as well as protective films. These characteristics reduce wear and improve life of the wire ropes as well as minimize maintenance costs associated with their use. It is compatible with other wire rope core impregnating materials that may have been applied during manufacture. It is easy to apply and economical to use.

Features	Advantages and Potential Benefits
Effective rust and corrosion protection	Less waste and lower costs
Easy application	Less waste and lower costs
Economical to use	Good coverage and protection with thin films

Applications

Mobilarma 778 is recommended for use as:

- Protective coatings for cold-rolled sheet and coiled steel
- Coatings for precision machined parts and instruments for storage
- A die lubricant in some light duty pressing operation

Mobilarma 798 is recommended for use for:

- Lubrication and preservation of strands and running ropes
- Impregnation of steel wire ropes during manufacture

Properties and Specifications

Property	778	798
Density @ 15 C, g/cm3, ASTM D4052	0.88	
Dropping Point, °C, ASTM D2265		63
Flash Point, Cleveland Open Cup, °C, ASTM D92	190	238
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445		23.1
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	18	
Pour Point, °C, ASTM D97	-3	

Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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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 www.exxonmobil.com
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