



Mobilarma MT, LT, SF

Rust Preventive

Product Description

Mobilarma Double Letter Series are a range of high performance rust preventives. The Mobilarma Series combines excellent corrosion protection and environmental awareness for a wide variety of applications, components and conditions.

Mobilarma MT and Mobilarma LT are based on a carefully selected high flash point solvents and modern, technically advanced corrosion inhibitors. The high flash point solvent has the affect of increasing coverage capacity meaning lower oil consumption. Mobilarma MT and LT are free from added barium. Mobilarma SF is a mineral oil based rust preventive, normally used for the protection of sheet steel.

Features and Benefits

Features	Advantages and Potential Benefits
High flash point narrow cut solvents	Lower evaporation means lower oil consumption and improved operator acceptability
Effective dewatering and corrosion protection	Removes all traces of moisture from components to lead to long-term rust and corrosion protection
Improved coverage capacity	Enhanced product utilisation and lower product consumption
Multi purpose in application	Reduced inventory required. Can be used on a variety of different feed stocks using a range of application methods
Thin, transparent robust films	Makes it easier to read markings on components

Applications

Mobilarma MT is for a multi purpose rust preventative providing medium term protection of ferrous and alloy components during storage and transit. It is particularly suitable for the protection of highly machined precision parts where heavy films are not desirable.

Mobilarma LT is for general purpose rust preventative providing medium to long term protection of ferrous and alloy components. It is especially suited for the protection, during storage, of many types of spares e.g. engine components, automotive parts as well as extruded and machined surfaces. The protective film is very effective against acidic and other aggressive atmospheres.

Mobilarma MT and LT are best applied by dipping but they can be flooded, sprayed or brushed on. Where necessary they can be removed by hydrocarbon solvents or suitable alkaline cleaners.

Mobilarma SF is a rust preventive for sheet steel, coil, wire and bar which improves lubricity and adhesion during reeling and straightening. The oil can be used by dip, flood, spray or electrostatic blade coater.

Typical Properties

Test Method	Test	Units	Mobilarma MT	Mobilarma LT	Mobilarma SF
Appearance	Visual		Clear dark brown	Clear dark brown	Brown liquid
Film Type	Visual		Light grease	Oily waxy	Oil
Density	DIN 12185	kg/l	0.813	0.845	0.880
Kinematic Viscosity at 40°C	DIN 3104		1.8	4.4	33
Flash Point	DIN 2719	°C	55 (min)	65	160
Film Thickness		microns	0.8	4.0	3.2

Test Method	Test	Units	Mobilarma MT	Mobilarma LT	Mobilarma SF
Corrosion Protection, indoor		months	9 max	24 max	
Corrosion Protection, outdoor		months	2 max	12 max	

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 contact 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 www.exxonmobil.com

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