



Mobilarma MT, LT, SF

Mobil Industrial , Poland

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 effect 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 preventative 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 | | micro ns | 0.8 | 4.0 | 3.2 |
| Corrosion Protection, in door | | month s | 9 max | 24 max | |
| Corrosion Protection, o utdoor | | month s | 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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You can always contact our Technical Help Desk engineers on Mobil lubricants and services related questions: <https://www.mobil.pl/pl-pl/contact-us>

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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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