# JMN SPECIALTIES, INC.

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## PRODUCT BULLETIN

# RP-300 ID

Water Displacing Rust Preventative MIL-C-16173, Grade 3

General Description

**RP-300 ID** is an outstanding water displacing, non-staining rust preventative which will rapidly separate water displaced from metal surfaces after machining operations or after alkali cleaning. Ultra thin, highly protective films are applied with **RP-300 ID**. These ultra thin films are effective in the protection of ferrous and non-ferrous metals from atmospheric corrosion even under conditions of high humidity. Shelf life of protected items under normal inside non-climate controlled storage conditions is 1 year. Climate controlled storage protection is 5 years. RP-300 ID has been specifically formulated to protect the inside surfaces of tubular goods during storage in outside environments. When the insides of tubular goods are treated and capped, the metal surfaces are protected from atomospheric corrosion in fresh and salt water environments.

Performance Results

| Neat **RP-300 ID** | Film Thickness Mils | Microns | Hours to Fail Humidity Cabinet on Polished Steel | Water Displacement | Non-Staining |
|---|---|---|---|---|---|
| | 0.06 | 1.52 | 1450+ | Pass | Pass |

Application

**RP-300 ID** can be applied by dipping the parts to be protected in a vat or spraying the parts to be protected with air sprayers, pump type sprayers or by pouring the product over the parts. Removal of protective films is accomplished by using a steam cleaner or washing the parts in mineral spirits.

Physical Properties

| | |
|---|---|
| Appearance | Amber Liquid |
| Odor | Solvent Odor |
| Specific Gravity | 0.83 |
| Flash Point | > 120° F |
| Saponification No's (ASTM-D94) | 85 - 105 |

Various blends of **RP-300 ID** meet or exceed the following MIL-SPECS: MIL-C-16173 GRADE 3, GRADE 5; MIL-C-22235; MIL-C-81309 TYPE II, III. Request the specific MIL-SPEC required before ordering.

Availability

**RP-300 ID** is available in UN approved 5 gallon pail, 55 gallon drums and bulk quantities.

Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply.


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