



## 12|34 Miracle Formula®

### Multi-Purpose Professional Grade Aerosol Lubricant and Penetrant | MIL-PRF-81309

12|34 Miracle Formula® is the most effective ALL-IN-ONE formulation on the market today. It's lubricating, moisture displacing, penetrating, and corrosion prevention abilities is unsurpassed by any single product of its kind.

#### LUBRICATES:

Contains highly refined lubricants which provide superior protection and anti-wear properties.

#### REMOVES MOISTURE:

Moisture is lifted and displaced rather than trapped. Surface pores and crevices are freed from moisture and coated with a thin, non-greasy film that prevents additional moisture from clinging or re-entering.

#### PENETRATES:

Rusted and frozen metal parts are easily loosened by superior "creepability".

#### PREVENTS RUST & CORROSION:

12|34's thin film adheres to metallic surfaces, providing protection against the formation of rust and corrosion, including electrolysis and galvanic corrosion common in high salinity environments.



### DESCRIPTION

12|34 was originally developed to protect materials in storage and to reclaim materials that were damaged by weather and/or saltwater exposure. Much of this work was done for the Navy and general aviation for the purpose of corrosion prevention and rust removal. Rust has been called the Navy's second most formidable enemy. 12|34 has been enlisted in the control of corrosion and removal of rust in hundreds of shipboard and shore installation applications for the Navy. In the field of general aviation, light aluminum sections and component parts have been similarly protected by 12|34's ability to stop corrosive oxidation. So successful was the work in these fields, that the expansion of 12|34 into countless other industrial applications was inevitable. Treatment of materials with 12|34 prior to storage can reduce handling costs and maintenance for said materials until ready for processing. Since no preparatory cleaning is necessary, they may be fed immediately into the production line. All materials treated with 12|34 will maintain their resistance to corrosion through manufacturing and subsequent shipping processes.

12|34 is a four-function liquid that will REMOVE MOISTURE, PREVENT RUST, PENETRATE, AND LUBRICATE. Upon application by aerosol, brush, or dipping, 12|34 deposits inhibitors into the grain areas of metal, thereby removing any existing moisture and providing a thin molecular film against further moisture penetration. The invisible micro film, remaining after evaporation, permits a wide latitude of applications from heavy machinery to intricate instruments and electric boxes.

#### DISSOLVES RUST, DISPLACES MOISTURE, PENETRATES, AND LUBRICATES

Ford Motor Company, Central Laboratory Services (Test M-7C54A Rust Preventive for Polished Steel) tested 12|34 Miracle Formula®. Test data revealed the following:  
Water Displacement 24 days, 100°F – NO RUST  
Corrosion, Oven Temp 158°F for 30 days – NO RUST  
Appearance of film after 24 hours drying – NO CRACKS OR BREAKS  
Flash Point of 178°F  
Pour Point of -40°F  
Abrasives – NONE

### ADDITIONAL INFO

#### Available in

11 oz. aerosol, NSN 8030-01-601-2131  
1 gallon can, NSN 8030-00-213-3279  
5 gallon pail, NSN 8030-00-262-7358  
55 gallon drum, NSN 8030-00524-9487

#### Industries currently using 12|34:

Aviation, Aerospace, Military, Marine, Automotive, Agricultural, Oil Drilling, Electronics, HVAC, Homeowners

#### Non-flammable

Easy to use – No mixing or diluting  
Economical – aerosol coverage is 30-40 sq ft, while 1 gallon covers 4000-5000 sq ft  
Can be used on Steel, Brass, Aluminum, Solder, Copper, Magnesium, and other common metals  
Contains no silicones, kerosene, nor acrylics  
Harmless to paint

**Note:** Products listed are suggestions. The information on this site will not replace your testing and evaluation procedures. Ultimate product selection should be based on your test results and the specific performance requirements.

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