

Product	Type
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COUNTER RUST™ 7015
Rust Preventive

Thin-film barium sulfonate based, water displacing rust preventive soluble in oil and solvent

Application

Counter Rust 7015 is an economical and efficient thin-film, water displacing rust preventive based on barium sulfonate and oxidized hydrocarbons. Counter Rust 7015 provides excellent protection against salt and humid atmospheres when formulated in petroleum solvent and/or oil solutions.

Counter Rust 7015 is designed specifically to offer the quick demulsification time while providing excellent solubility and stability in the widest ranges of solvents, oils and blends. When formulated and tested in the B-117 salt atmosphere test, Counter Rust 7015 has demonstrated over 90 hours of protection yet the film is easily removed.

Counter Rust 7015 is non-staining on a variety of ferrous and non-ferrous metals.

Typical Properties

Test	Typical
Appearance	Waxy solid
Specific gravity at 15.6° C	0.93
Total acid number, mg KOH/g	15
Congeal melt point, °C	35

Benefits

- Excellent salt spray and humidity protection
- Non-Staining
- Excellent water-displacing and water-separation
- Soluble and stable in a wide variety of petroleum solvents and oils
- Good boundary lubrication in forming operation

Performance

Counter Rust 7015 (% by wt.)	High Flash Mineral Spirits (% by wt.)	Naphthenic Oil (% by wt.)	ASTM B-117 Salt Spray Hours to Fail	ASTM D 1748 Humidity Cabinet Days to Fail
12.0	76.0	12.0	>70	>60
15.0	85.0	0	>40	>60
20.0	80.0	0	>50	>60

Suggested Formulations

Moisture displacing rust preventive coating:

Counter Rust 7015	10 -15%
Ethylene glycol monobutyl ether	0 - 3%
Mineral spirits	Balance

Oily thin film finished rust preventive

Counter Rust 7015	10 - 15%
100 SUS naphthenic oil	10 - 15%
Aliphatic high flash solvent	Balance

Storage and Handling

Recommended Maximum Long Term Storage Temperature*	45°C / 113°F
Recommended Minimum Temperature for Use	45°C / 113°F
Flash Point	>170° F COC
Melt Point	35°C

*Long term storage at temperatures above this may result in loss of performance.



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