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COUNTER RUST™ 6670 Rust Preventive – Metal Protection

Premium long-term, heavy-film rust preventive for use in oil and solvent

Application

Counter Rust 6670 is a partial solvent-cutback calcium soap of an oxidized petrolatum designed to provide long-term outdoor rust prevention in an easy to handle form.

Counter Rust 6670 is designed specifically to offer superior protection against rust and corrosion. When formulated and tested in the B-117 salt atmosphere test, Counter Rust 6670 has demonstrated over 60 days of protection.

Counter Rust 6670 also provides excellent water separating and displacing properties. It is also non-staining and non-corrosive to a wide variety of ferrous and non-ferrous metals. It is useful for long terms storage and automotive/over the road rust-proofing as well as cavity waxes and frame coatings

Typical Properties

Test	Typical
Appearance	Paste
Specific gravity at 15.6° C	0.92
Percent solids	70
Flash point, ° C	42

Benefits

- Excellent salt spray and humidity protection in outdoor environments
- Relatively low cost
- Can be further cut-back with solvents

Performance

Counter Rust 6670 – % solids in mineral spirits*	Film thickness (mils)	ASTM B-117 Salt Spray Days to Fail	ASTM D 1748 Humidity Cabinet Hours to Fail
55	4.00	>60	>1200
50	1.6	>60	>1200
45	0.9	>25	>1200

*May be instable in cut-backs below 40% solids

Suggested Formulations

Heavy duty rust preventive

Counter Rust 6670	78.0%
Mineral Spirits	22.0%

Thixotropic rust preventive

Counter Rust 6670	66.0%
Non-hygroscopic thickener	3-5%
Fine-milled attapulgite clay	5%
Mineral spirits	24.0 -26.0%

Storage and Handling

Recommended Maximum Long Term Storage Temperature*	Ambient
Recommended Minimum Temperature for Use	Ambient
Flash Point	42°C TCC
Pour Point	6° C

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



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