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COUNTER RUST™ 6655 Rust Preventive – Metal Protection

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

Application

Counter Rust 6655 solvent-cutback calcium soap of an oxidized petrolatum designed to provide long-term outdoor rust prevention in an easy to handle form.

Counter Rust 6655 is designed specifically to offer superior protection against rust and corrosion. When formulated and tested in the B-117 salt atmosphere test, Counter Rust 6655 has demonstrated over 60 days of protection.

Counter Rust 6655 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.

Note on all Calcium soaps of oxidized petrolatums and their solvent cut backs: Time and storage at low temperatures will cause increased viscosity which can be reduced by gentle heating but may not reduce viscosity to the original.

Typical Properties

Test	Typical
Appearance	Dark brown, Viscous liquid
Specific gravity at 15.6° C	0.88
Brookfield viscosity @ 21° C, cPs	1,000
Percent solids	55
Total base number, mg KOH/g	40

Benefits

- Excellent salt spray and humidity protection
- Easy to handle formulation
- Economical and effective rust proofing compound
- Can be further cut back in solvents

Performance

Counter Rust 6655 – % solids in mineral spirits*	ASTM B-117 Salt Spray Days to Fail	ASTM D 1748 Humidity Cabinet Hours to Fail
55 (as is)	>60	>1200
50	>60	>1200
45	>25	>1200

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

Suggested Formulations

Heavy Duty Rust Preventive – Counter Rust 6655 100%

Thixotropic Rust Preventive

Counter Rust 6655	85.0%
Non-hygroscopic thickener	3-5%
Fine-milled attapulgite clay	5%
Mineral spirits	5-7%

Storage and Handling

Recommended Maximum Long Term Storage Temperature*	Ambient: Time and storage at low temperatures will cause increased viscosity which can be reduced by gentle heating but may not reduce viscosity to the original.
Recommended Minimum Temperature for Use	Ambient
Flash Point	70°C TCC
Pour Point	6° C

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



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