



Technical Data Sheet

| Product | Type |
|---------|------|
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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.



LOCKHART

Technologies for
Better Surface Protection

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