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COUNTER RUST™ 575

Rust Preventive – Metal Protection Emulsifiable Rust Preventive

Application

Counter Rust 575 sodium sulfonate based emulsifiable rust preventive containing some barium sulfonate.

Counter Rust 575 provides excellent corrosion resistance in soluble oil concentrates ranging from high sulfonate to high soap formulations. It provides general purpose corrosion and rust prevention when diluted in oil, solvent or emulsified. It is effective in salt and humidity atmospheres.

Typical Properties

Test	Typical
Specific gravity at 15.6° C	1.02
Total acid number, mg KOH/g	10
Total barium, wt.%	0.9
Solubility	oils, solvents, kerosene

Benefits

- Does not affect emulsion stability up to 10%
- Easily emulsified into high sulfonate or high soap formulations
- Greatly improves corrosion protection in soluble oils

Performance

Counter Rust 575 in oil (%)	Humidity Cabinet Days to failure on polished panels	5% Salt Spray hours to failure, polished panels
5.0	5	18
10.0	35	25
15.0	55	30
20.0	>60	45
Oil Emulsion in Water (%)*		
10.0	40	15
15.0	55	25
20.0	>60	45
25.0	>60	65

*See Typical Formulas

Typical Formulas

Oil based corrosion inhibitor

Counter Rust 575	5 – 20%
200 SUS naphthenic oil	Balance

Emulsion Base

Counter Rust 575	25 – 28.5%
Glycol ether	5%
Naphthenic oil	70 – 66.5%

Emulsion

Emulsion base	10 – 25%
Water	Balance

Storage and Handling

Recommended Maximum Long Term Storage Temperature	40° C
Flash Point	129°C PMCC
Pour Point	40° F



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