

<b>Product</b>	<b>Type</b>
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**COUNTER RUST™ 7020      Rust Preventive – Metal Protection**  
**Emulsifiable Rust Preventive**

**Application**

Counter Rust 7020 is a sodium sulfonate based emulsifiable rust preventive containing some barium sulfonate.

Counter Rust 7020 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	3
Total barium, wt.%	<1.0
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 7020 in oil (%)	Humidity Cabinet Days to failure on polished panels	5% Salt Spray hours to failure, polished panels
5.0	12	20
10.0	40	27
15.0	60	30
20.0	>60	45
<b>Oil Emulsion in Water (%)*</b>		
10.0	45	18
15.0	55	30
20.0	>60	45
25.0	>60	65

\*See Typical Formulas

## Typical Formulas

### Emulsifiable rust preventive concentrate:

<b>Counter Rust 7020</b>	20-30%
100 SUS naphthenic oil	60-70%
Coupler (optional)	3-5%

### General purpose rust preventive

<b>Counter Rust 7020</b>	5-30%
Oil or high flash mineral spirits	70-95%

### In process corrosion inhibitor additives for soluble oils

<b>Counter Rust 7020</b>	1-10%
Complex emulsifier package	10-30%
100 SUS naphthenic oil	balance

## Storage and Handling

Recommended Maximum Long Term Storage Temperature*	40° C
Flash Point	>150°C COC



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