

# Products & Applications

## Counter Rust

### Corrosion Inhibitors and Rust Preventives

The **Counter Rust** product line consists of **water based corrosion inhibitors** as well as **oil** and **water soluble rust preventives** which are designed to protect metals in process and in storage.

### Water Soluble Corrosion Inhibitors

Product	Description	Applications
Counter Rust T-17	Monoethanolamine Borate <b>Low cost corrosion inhibitor</b> <b>High boron</b> content	<b>Synthetic &amp; Semi-synthetic fluids</b> Rust preventives Alkaline cleaners, Tank side additive
Counter Rust T-33	Blend of MIPA & DIPA Borate Excellent buffering agent Does not contribute to ammonia bloom High boron content, <b>Cost Effective</b>	<b>Synthetic &amp; Semi-synthetic fluids</b> Rust preventives Alkaline cleaners, Tank side additive
Counter Rust T-37	Diisopropanolamine Borate Excellent buffering agent Does not contribute to ammonia bloom High boron content	<b>Synthetic &amp; Semi-synthetic fluids</b> Rust preventives Alkaline cleaners, Tank side additive
Counter Rust T-43	<b>Borester, (boramide)</b> Excellent buffering agent <b>High boron content</b>	Semi-synthetic fluids <b>Soluble oils</b> Rust preventives Tank side additive
Counter Rust 177	Corrosion inhibitor <b>concentrate</b> , In-process and short term humidity protection for <b>ferrous &amp; non-ferrous</b> met- als, <b>Boron free, Low treat rate: 0.2%</b>	Synthetic & Semi-synthetic fluids Rust preventives Alkaline cleaners Closed recirculating systems
Counter Rust 188	<b>Economical</b> corrosion inhibitor, In-process and short term humidity protection for <b>ferrous &amp; non-ferrous</b> met- als, <b>Boron free</b>	Synthetic fluids Rust preventives Alkaline cleaners Closed recirculating systems
Counter Rust 199	Corrosion inhibitor <b>concentrate</b> , In-process and short term humidity protection for <b>ferrous &amp; non-ferrous</b> met- als, <b>Boron free, Low treat rate: 0.5%</b>	Synthetic & Semi-synthetic fluids Rust preventives, Alkaline cleaners Closed recirculating systems
Counter Rust 255	<b>Amine Free</b> corrosion inhibitor, In-process and short term humidity protection for <b>ferrous &amp; non-ferrous</b> met- als	Synthetic & Semi-synthetic fluids Rust preventives, Alkaline cleaners Closed recirculating systems
Counter Rust 299	Corrosion inhibitor <b>super-concentrate</b> , In-process and short term humidity protection for <b>ferrous &amp; non-ferrous</b> met- als, <b>Boron free, Very low treat rate</b>	Synthetic & Semi-synthetic fluids Rust preventives, Alkaline cleaners Closed recirculating systems
Counter Rust 200A - AL	<b>Aluminum anti-staining agent</b> Effective at low treat level <b>Phosphate ester in acid form</b> Protects galvanized steel and ferrous met- als	<b>Alkaline Cleaners, Washers</b> Rust preventives Synthetic fluids
Counter Rust 216-AL	<b>Aluminum anti-staining additive</b> , <b>Low treat rates &lt; 0.1% for pH 9.5</b> Protects <b>aluminum and ferrous</b> metals <b>Silicate and Boron free</b>	Synthetic & Semi-synthetic fluids Soluble oils, Rust preventives Washers & Parts cleaners

## Low Odor - Water Displacing, Oil Soluble Rust Preventives

Product	Description	Applications
Counter Rust LT-700E	<b>Water displacing Rust Preventive Base Building block</b> for rust preventives Blends of selected <b>esters</b> and <b>waxes</b>	Formulating of water displacing rust preventives and coatings
Counter Rust LT-807H..... Counter Rust LT-811H.....	<b>Water Displacing</b> Rust Preventive <b>Premium water Displacing</b> Rust Preventive Good <b>Humidity</b> cabinet protection Leaves a <b>thin waxy film</b> , Non-staining, low odor, light color <b>Congeval Point 40 °C - Barium free</b>	Mill Oils and Slushing Oils Rust Preventives and Coatings Neat Oils <b>Long term storage &amp; In-transit</b>
Counter Rust LT-809S..... Counter Rust LT-813S.....	<b>Water Displacing</b> Rust Preventive <b>Premium water Displacing</b> Rust Preventive Good <b>Salt Fog</b> protection Leaves a <b>thin waxy film</b> , Non-staining, low odor, light color <b>Congeval Point 40 °C - Barium free</b>	Mill Oils and Slushing Oils Rust Preventives and Coatings Neat Oils <b>Long term storage &amp; In-transit</b>
Counter Rust LT-815A	<b>Water Displacing</b> Rust Preventive Excellent protection in <b>Acid Atmospheres</b> Leaves a <b>thin waxy film</b> , Non-staining, low odor, light color <b>Congeval Point 40 °C - Barium free</b>	Mill Oils and Slushing Oils Rust Preventives and Coatings <b>Storage in pickling plants</b>
Counter Rust LT-817S	<b>Premium water Displacing</b> Rust Preventive Excellent <b>Salt Fog</b> protection Leaves a <b>thin waxy film</b> , Non-staining, low odor, light color <b>Congeval Point 42 °C - Barium free</b>	Rust Preventives and Coatings <b>Long term storage &amp; In-transit</b> <i>Indoor and outdoor</i>
Counter Rust LT-821H	<b>Water Displacing</b> Rust Preventive Excellent <b>Humidity</b> cabinet protection Leaves a <b>thin oily film</b> , Non-staining, low odor, light color <b>Congeval Point 30 °C - Barium free</b>	Mill Oils and Slushing Oils Rust Preventives and Coatings Neat Oils <b>Long term storage &amp; In-transit</b>
Counter Rust LT-825S	<b>Premium water Displacing</b> Rust Preventive Excellent <b>Salt Fog</b> protection Leaves a <b>thin oily film</b> , Non-staining, low odor, light color <b>Calcium based - Congeval Point 30 °C</b>	Mill Oils and Slushing Oils Rust Preventives and Coatings Soluble and Neat Oils <b>Long term storage &amp; In-transit</b>
Counter Rust LT-837S	<b>Premium water Displacing</b> Rust Preventive Excellent <b>Salt Fog</b> protection Leaves a <b>thin oily film</b> , Non-staining, low odor, light color <b>Calcium based - Congeval Point 30 °C</b>	For Use in <b>Paraffinic</b> Oils Mill Oils and Slushing Oils Rust Preventives and Coatings Neat Oils <b>Long term storage &amp; In-transit</b>
Counter Rust LT-855H	<b>Premium water Displacing</b> Rust Preventive Excellent <b>Humidity</b> cabinet protection Leaves a <b>thin waxy film</b> , Non-staining, low odor, light color <b>Barium based - Congeval Point 40 °C</b>	Mill Oils and Slushing Oils Rust Preventives and Coatings Soluble and Neat Oils <b>Long term storage &amp; In-transit</b>
Counter Rust LT-859S	<b>Premium water Displacing</b> Rust Preventive Excellent <b>Salt Fog</b> protection Leaves a <b>thin waxy film</b> , Non-staining, low odor, light color <b>Barium based - Congeval Point 42°C</b>	Mill Oils and Slushing Oils Rust Preventives and Coatings Neat Oils <b>Long term storage &amp; In-transit</b> <i>Indoor and outdoor</i>

## Low Odor - Water Displacing, Oil Soluble Rust Preventives

<b>Counter Rust LT-899 WD</b>	<b>Concentrate:</b> <b>Water Displacing</b> Rust Preventive, Lubricity agent and penetrating oil Excellent <b>Salt Fog</b> protection Leaves a <b>thin oily film</b> , Non-staining, low odor, light color <b>Barium based - <u>Congeval Point</u> 40 °C</b>	Formulation of: Penetrating oils, Lubricants, Water Displacing Rust Preventives
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## Water Soluble Rust Preventives

Product	Description	Applications
<b>Counter Rust LT-267</b>	<b>Readily water soluble</b> Excellent <b>humidity</b> cabinet protection Leaves a <b>Thin Dry Film</b> <b>Non-staining, non-sticking</b> No VOC , <b>Barium free</b>	<b><i>Good replacement for solvent based rust preventives</i></b> Dip tanks and Spray washers after final cleaning <b>Long term storage &amp; In-transit</b>
<b>Counter Rust LT-285</b>	<b>Amide</b> Water dispersible Good source of reserve alkalinity	<b><i>Corrosion inhibitor in soluble oils and semi-synthetic fluids</i></b>
<b>Counter Rust LT-710</b>	<b>Self emulsifying Corrosion inhibitor</b> Amide of a triglyceride <b>WAXY</b> at room temperature <b>Good film former</b>	Emulsifiable rust preventives Good film forming properties and lubricity <b>Long term storage &amp; In-transit</b> <b>Prelube</b>
<b>Counter Rust LT-724</b>	<b>Self emulsifying Corrosion inhibitor</b> Blend of amides and calcium sulfonate <b>Fluid</b> at room temperature <b>Excellent lubricant and EP properties</b> <b>Good co-emulsifier</b>	<b><i>Corrosion inhibitor in soluble oils and semi-synthetic fluids</i></b> <b><i>Co-emulsifier in soluble oils and semi-synthetic fluids</i></b> Emulsifiable rust preventives
<b>Counter Rust LT-736</b>	<b>Self emulsifying Corrosion inhibitor</b> Blend of amides and barium sulfonate <b>Fluid</b> at room temperature <b>Lubricant and co-emulsifier</b>	<b><i>Corrosion inhibitor in soluble oils and semi-synthetic fluids</i></b> Emulsifiable rust preventives
<b>Counter Rust LT-910H</b>	<b>Self emulsifying</b> Superior <b>humidity</b> cabinet protection Leaves a <b>Thin Waxy Film</b> <b>Non-staining</b> , For use on all metals <b>Excellent lubricant, Barium free</b>	Dip tanks and Spray washers after final cleaning Prelube, Blank Wash <b>Drawing Compounds</b> <b>Long term storage &amp; In-transit</b>
<b>Counter Rust 500</b>	Natural, High Molecular Weight Sodium Sulfonate	Soluble oils Emulsifiable rust preventives Water displacing rust preventives