



RP 737

WATER-BASED CORROSION INHIBITOR

PRODUCT BENEFITS AND PROPERTIES

RP 737 is a water-based corrosion inhibitor designed to protect ferrous metal from corrosion during the cleaning process and indoor storage. RP 737 contains no nitrites, nitrates, or oils. RP 737 may also be used for the removal of light oils from ferrous metals.

Benefits

- Synthetic, water-based corrosion inhibitor
- Designed to protect ferrous metal from corrosion during indoor storage
- Contains no nitrites, nitrates, oils or hazardous materials
- DEA free
- Low foam characteristics make it ideal for recirculating spray washers
- Leaves a light, dry film
- Can be easily removed

TANK MAINTENANCE

Proper maintenance of your wash system will ensure the longest possible detergent bath life, the best parts cleaning performance, and the optimal assurance against part corrosion.

Note: If RP 737 is used as a cleaner, it should be placed in the wash tank by itself without any other aqueous cleaners. However, if RP 737 is used as a corrosion inhibitor along with another cleaner, RP 737 should be added to the rinse tank and the other cleaner should be placed in the wash tank. By adhering to this, the concentration of RP 737 in your tank can be measured by using the Brulin Titration Kit without having interference in your test results from other aqueous cleaners.

Brulin has developed Maintenance Guidelines for Aqueous Detergent Tanks, a comprehensive flow chart to illustrate the process, and a step-by-step video to guide you through.

CONCENTRATION VERIFICATION

Brulin Titration Kit
(Prod. No. XTRKIT)

Sample Size: 10 mL
Titrant: 1.0 N HCl Solution
Indicator: 3 drops Phenol Red Indicator
Concentration %: (number of drops of Titrant) x (0.51)
 (where 0.51 is the Correction Factor)

MATERIAL COMPATIBILITY

RP 737 is non-corrosive and non-staining to a wide variety of alloys. Some selected categories of material compatible with RP 737 include*:

- Ferrous Metals:** Iron • Steel • Stainless Steel
Non-Ferrous Metals & Alloys: Aluminum • Brass
Plastic & Composites: Rubber • Plastics

SOILS

RP 737 can remove a wide range of organic and inorganic soils. Some categories of soils that can be removed with RP 737 include*:

- Manufacturing Soils • Water Soluble Oils • Straight Machining Oils

* Material compatibility should always be confirmed via testing with specific contaminants under specific cleaning conditions.

CORROSION PROTECTION

Per ASTM D 2247: 100% relative humidity, 100°F (38°C)

Sample Concentration	Test Data				
	24 Hrs.	48 Hrs.	72 Hrs.	96 Hrs.	120 Hrs.
RP 737 - 5%	No Rust	No Rust	No Rust	No Rust	2 Spots
RP 737 - 7%	No Rust	No Rust	No Rust	No Rust	No Rust
RP 737 - 10%	No Rust	No Rust	No Rust	No Rust	No Rust

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USE RECOMMENDATIONS

System	<ul style="list-style-type: none">• Immersion• Spray Wash (Batch or Continuous)
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Dilution	1:32 – 1:9 (3-10%), typically used at 5%
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To avoid spotting, it is best if the parts remain wet between processing stages.

TYPICAL CHEMICAL CHARACTERISTICS

Physical Form	Liquid
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Color	Green
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Odor/Fragrance	Mild
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Weight	8.77 lbs/gal
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pH of Concentrate	10.0
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Flash Point	None to Boiling
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Foaming Tendency	Low
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Shelf Life	12 Months
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SHIPPING, STORAGE, DISPOSAL & PREVENTION

Please refer to the Safety Data Sheet for shipping, storage, disposal and prevention guidance.

AVAILABILITY

- 5 Gal (19L)
- 55 Gal (208L)
- 275 Gal Tote (1,041L)



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product details

Product No. 421010