

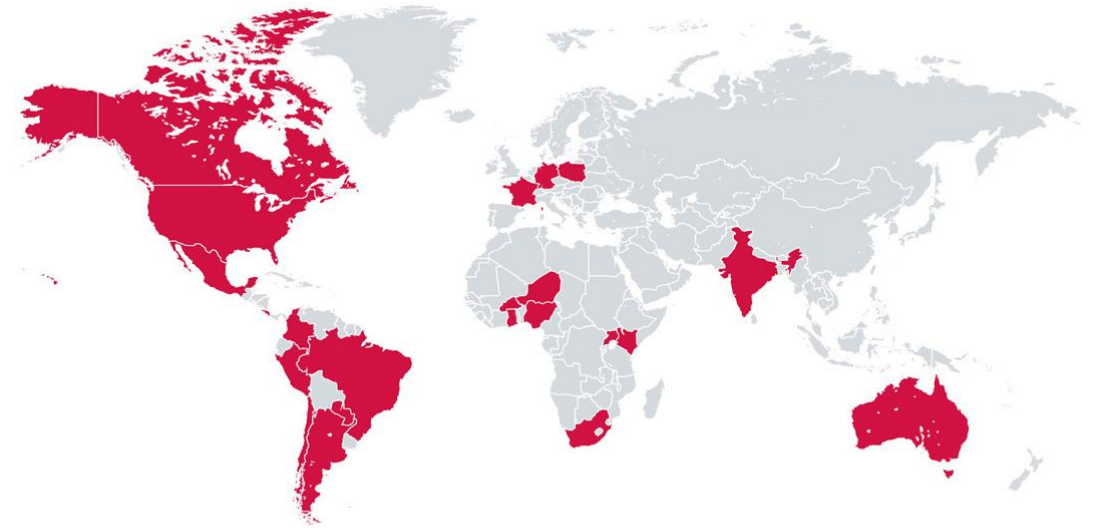
RUST-X USA

Anti-Corrosion

Packaging Presentation

About Us

- Global Anti Corrosion Products Manufacturer
- Headquartered in CALIFORNIA USA
- Manufacturing in all continents and 20 + countries
- 15 Days Delivery of Chemicals & Packaging Any where in the world
- Team of Experienced Corrosion Engineers Mobilizable anywhere around the world
- Products available in All continents and 45 countries



Global Plants



Manufacturing plant for films, papers, desiccants, emitters and warehouse for industrial lubricants



60,000 sq ft

California, USA



Nordic warehouse for VCI films, papers, desiccants emitters and lubricants.



40,000 sq ft

Nordic Region, Europe



Manufacturing plant for films, papers, desiccants, emitters and warehouse for industrial lubricants



80,000 sq ft

Delhi NCR, India



Manufacturing plant of co extruded films, monolayer films and warehouse for lubricants



50,000 sq ft

Lyon, France



Manufacturing plant for films, papers, desiccants, emitters and warehouse for industrial lubricants



70,000 sq ft

Delhi NCR, India



Manufacturing plant for chemicals and warehouse for films, papers etc.



35,000 sq ft

Australia



Manufacturing plant for films, chemicals and industrial lubricants



80,000 sq ft

Mumbai, India



Manufacturing plant for films, papers, desiccants, emitters and warehouse for industrial lubricants



100,000 sq ft

Italy



Manufacturing plant of co extruded films, lubricants, papers, desiccants, emitters and engine oils



250,000 sq ft

Punjab India



Warehouse for films, papers, lubricants and other products for the Middle East



40,000 sq ft

Dubai

+ 3 MORE PLANTS INDIA

PRECAUTIONS FOR CORROSION PROTECTION

- Avoid water based washing because is it less costly
- Avoid water based operations to run without RPA 4500 as water in cutting fluids and washing fluid can cause rust from wherever it evaporates last
- Avoid touching with hands
- Avoid storing in open for long time
- Avoid sending in bins without sealed packaging
- Avoid contact with wood or corrugations
- Avoid water carry over into rust preventive oils – use dewatering solvent based washing and cleaning
- Always have sealed VCI bags
- Add desiccants and emitters to the right dosage
- DO NOT USE FAKE VCI



Metal Working Fluid Sharp 9000

- Sharp 9000 is semi synthetic water based coolant
- Provides excellent corrosion protection @ 5% Concentration
- Upto 2 years of Tank life because of safe biocides
- Longer Tool Life due to friction modifiers
- Corrosion Protection in Parts after Machining



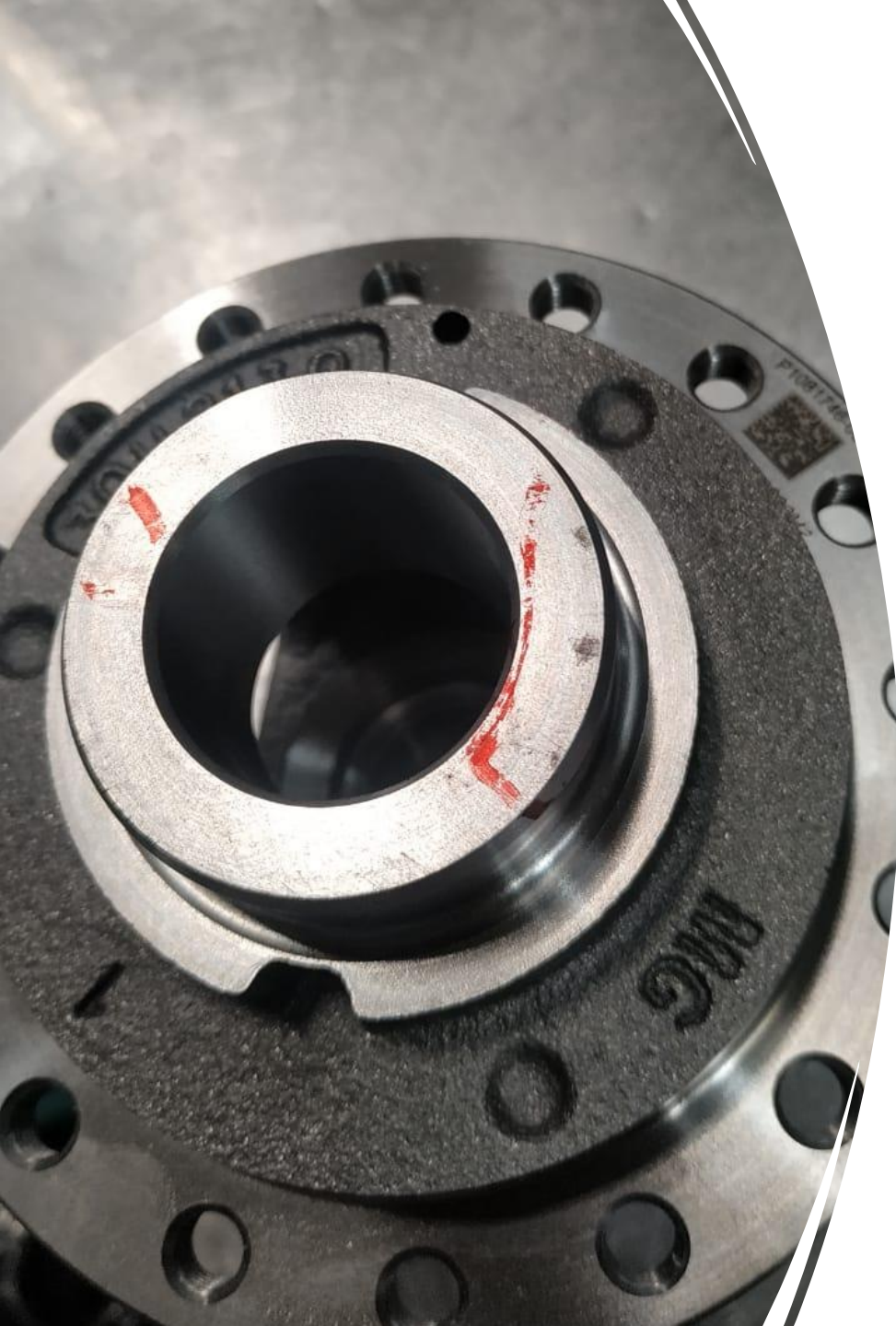
Rust Preventive Additive for MWF - RPA 4500

- Prevents corrosion on parts due to Cutting Fluids
- To be added @ 2-3 % in Coolants
- Provides corrosion prevention from salts and stagnating water on the metal parts



In Process RUST Prevention IP 136 C

- IP 136 C is an excellent in process rust preventing agent
- Dewateres
- Degreases
- Forms a thin film of corrosion preventive on the parts
- Prevents corrosion on shop floor for upto 4 weeks
- Dip parts in IP 136 C right after machining and place in bins

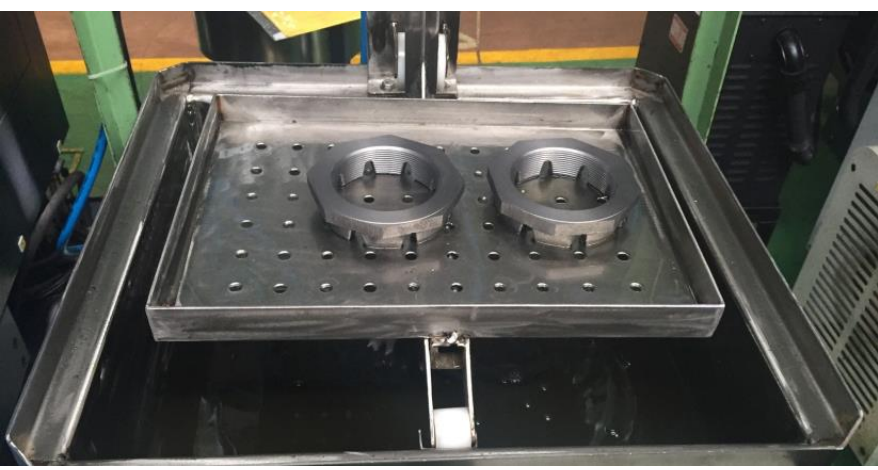


Cleaning Agent CL-005

- CL-005 Solvent Based Cleaning agent
- Dewaterers
- Degreases
- Provides short term corrosion protection before oiling
- Better than water bases washing agents as aqueous washing agents may leave water inside the parts even after heating or drying and can cause rust later.
- **Aqueous or water based Cleaners can also contaminate rust prevention oils**
- **Aqueous cleaners may dry slowly in monsoons and winters and can cause rust marks**



Export Grade Rust Preventives (export grade)



- Apply 135 C – Ex Rust Preventive oil on all Parts
- This will form a 3 micron corrosion preventing film for protection upto 2 years in sealed VCI Packaging
- The parts should be fully submerged in the Rust Preventive Oil to form an even layer on the part

- Other grades available: 135 A – Ex = 1 micron, 135 E- Ex 5 micron, 145 A – Ex 10 micron thick lubricating, VCI Jelly – Thick for outdoor or extreme weather protection

VCI Packaging

- 2 Dimensional VCI Bags must be used to pack individual parts as well as 3 Dimensional pallet liners.
- The VCI Action neutralises the moisture within the packaging and prevents corrosion from the moisture as it settles on the parts



Desiccants & Emitters

- Place 300-500 grams VCI emitters (VCI 4200) evenly spread in a 1-1.2 Cbm Pallet
- Place upto 1 Kg of Desiccants (VCI 19000) evenly spread within the pallet.
- Avoid direct contact of these Emitters & Desiccants with the parts.



Heat Sealing of the 3 D bags

- 3 D bags must be heat sealed to prevent breathing of the pallet
- It also avoids rain water penetration in case the the pallets pass through mild rain during loading/offloading or during shipping



Use Zorb-It Container Poles

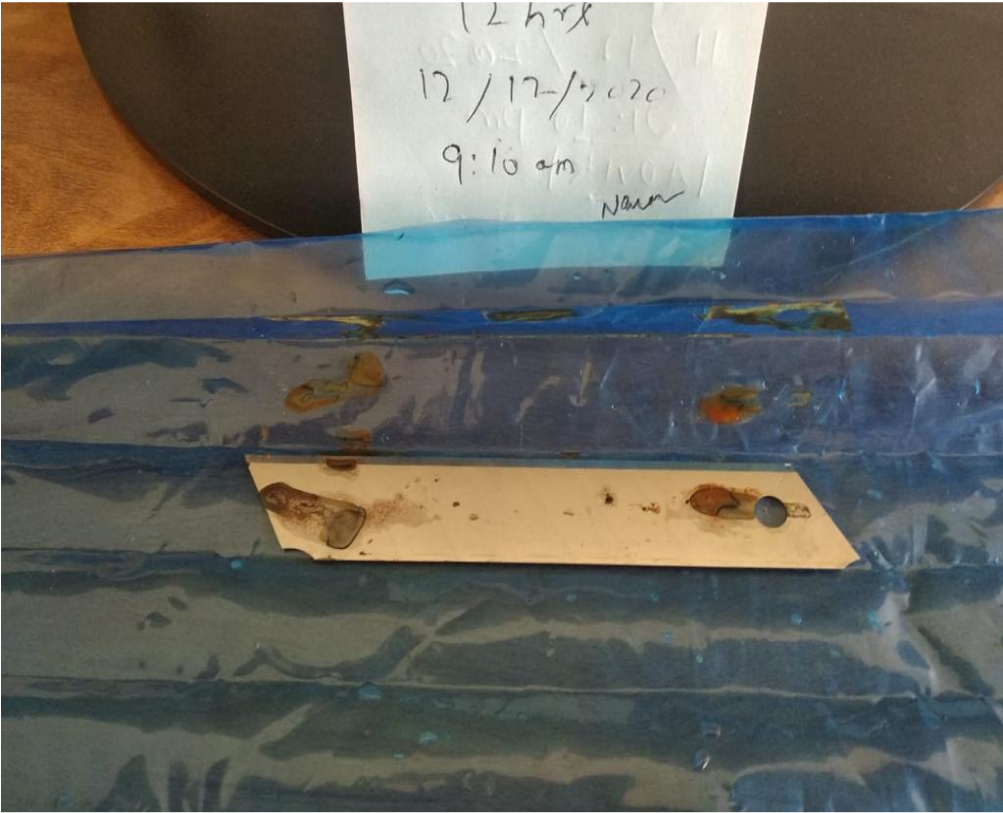
Avoid Container Rain and USE ZORB-IT poles to absorb moisture in container



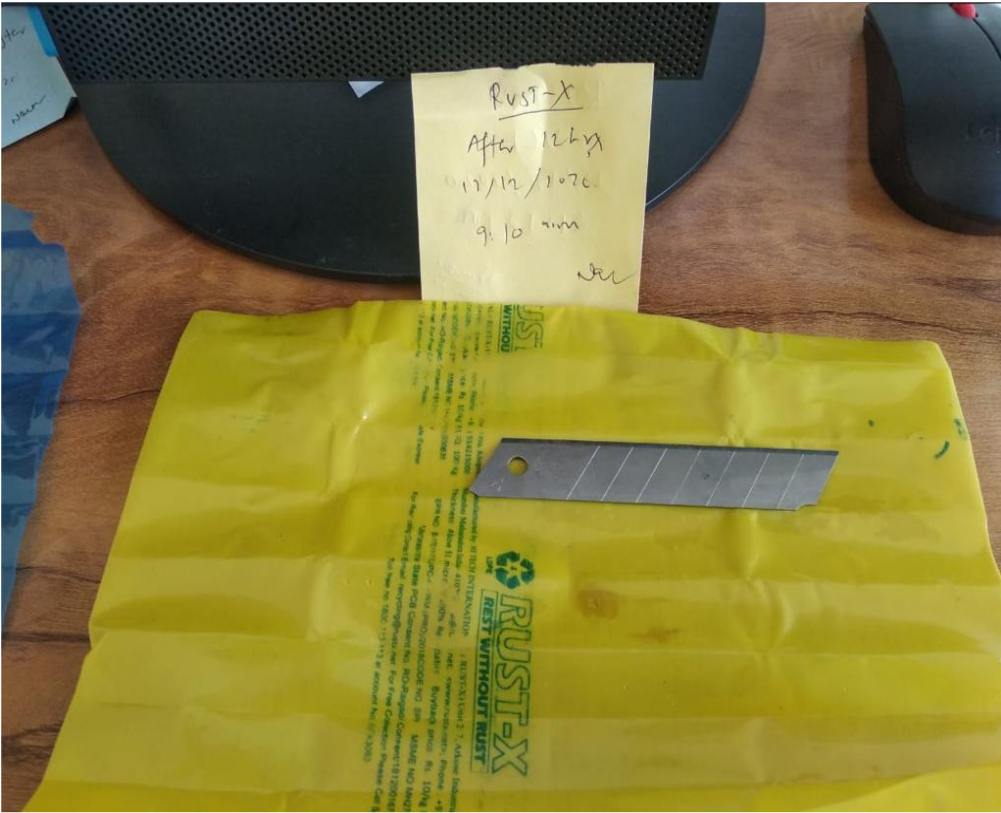
Do Not Use FAKE VCI For Cost Reasons



Fake Vci Checked With Wet Razor Blade Test with water

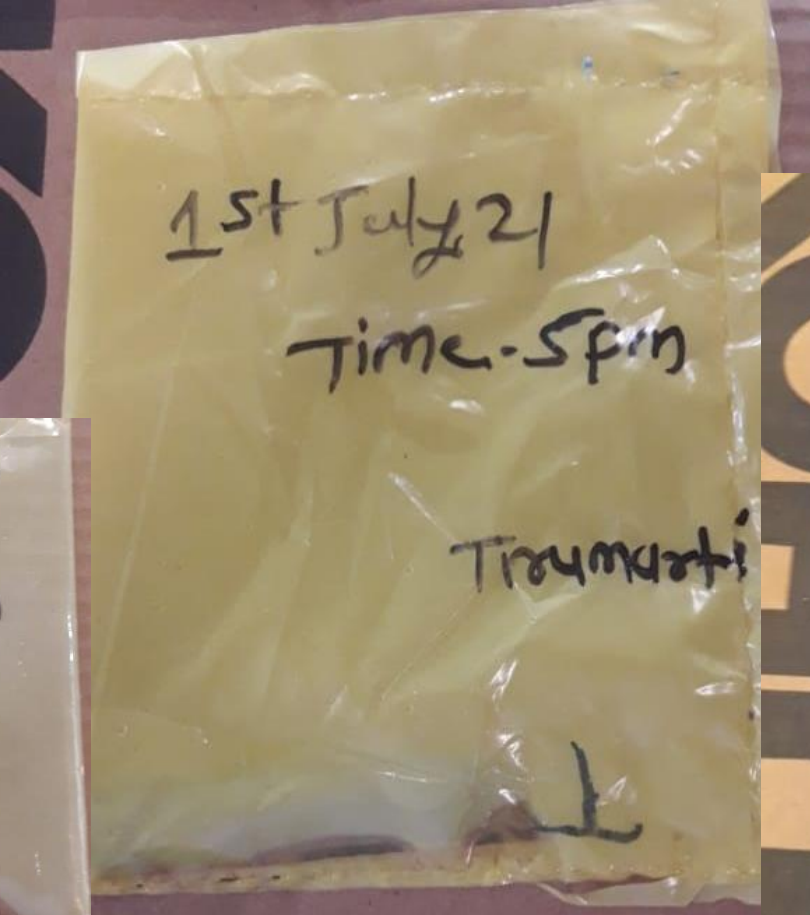
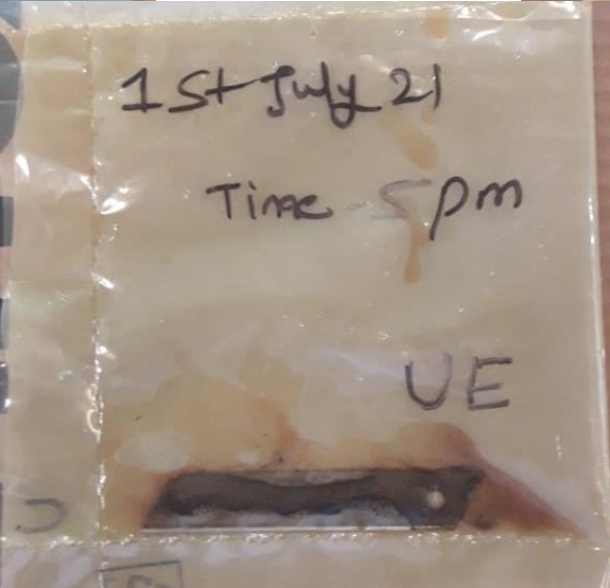
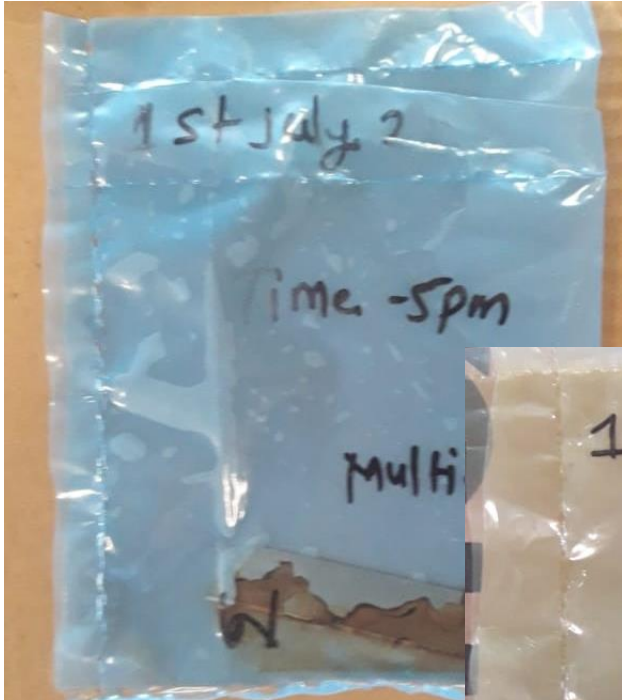


Fake VCI failed in 24 hours



RUST-X REAL VCI no rust in 24 hours

Many Fake Vci Samples Tested At An American Customer In India



Contact Us

- info@rustxusa.com
- www.rustxusa.com
- USA +1 (714) 949 9440, +1 (657) 325 2090, +1 (714) 690 0380
- India: +91 98142 15000
- India +91 98143 09000
- India +91 99157 15000