

Zerust® ICT®600 Rust Removers

Zerust® AxxaClean™ rust and tarnish removers are powerful solutions for the rework and recovery of metal items. Zerust offers a range of technologies, from pH neutral products to more aggressive products that also inhibit flash corrosion on cleaned surfaces.

Zerust AxxaClean Rust and Tarnish Remover Series

Attributes	AxxaClean ICT620-RR	AxxaClean 2048	AxxaClean 3048
Corrosion Removal Power	Light to medium rust, even in cracks and crevices	Medium corrosion, even in cracks and crevices	Heavy corrosion, even in cracks and crevices
Speed	Slow	Moderate	Rapid
Metals Treated	Ferrous	Ferrous, brass, copper	Ferrous, brass, copper
Application Methods	Immersion	Immersion, brush-on, spray	Immersion, brush-on
pH Level	Neutral pH of about 7	Mild acidic pH of about 2.5	Stronger acidic pH between 0.5-1.5
Temperature For Use	70°F (21°C) or above	70°F (21°C) or above	40°F (4°C) or above
Compatibility (<24 hour soak)	Safe for metals*, paint, gaskets, rubber, plastics	Safe for metals*, paint, gaskets, rubber, plastics	May attack soft metals*, some paints and coatings
Post-Cleaning Action	Do not let product dry on surface. Recommended DI or RO water rinse. Wipe off and dry well.	Do not let product dry on surface. Recommended DI or RO water rinse. Wipe off and dry well.	Do not let product dry on surface. Recommended DI or RO water rinse. Wipe off and dry well.
Corrosion Protection	Additional corrosion protection needed	Provides flash-corrosion protection in controlled environments	Provides flash-corrosion protection in controlled environments

*Test before use on zinc and cadmium. Check with your Zerust technical representative for details.

AxxaClean™ ICT®620-RR: Light to Medium Rust Remover



Zerust 620-RR is a pH neutral immersion dip that removes rust, even in crevices, pits and threads. It replaces labor-intensive abrasive cleaning that may damage surfaces. The product works by breaking the chemical bond of rust and does not harm other metals or non-metals. Surfaces may be darkened with carbon residue after cleaning. Cleaned parts must be protected to prevent flash rusting.

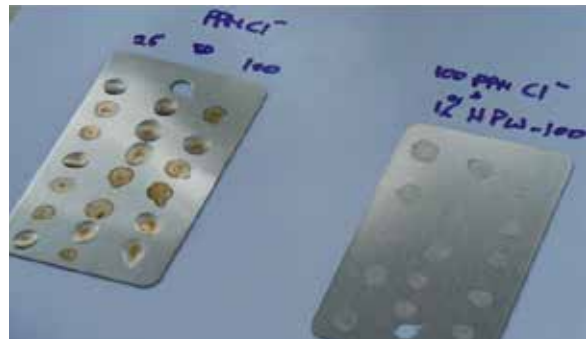
AxxaClean 2048 and 3048: Light to Heavy Rust and Tarnish Removers



These are a series of easy to use products that rapidly remove rust and tarnish, even in cracks and crevices. They clean and deoxidize ferrous metals, brass, copper and various alloys without leaving a gray residue. The products also provide temporary protection from flash rust or re-tarnishing for several days in a controlled environment. Multiple viscosities and strengths are available for a wide range of applications.

Zerust® ICT®600 Surface Cleaners and Washers

The Zerust line of advanced surface cleaners remove residual contaminants and soils left by metalworking processes. Use as a final wash step to control corrosion on contaminated or highly reactive metals. After cleaning, thoroughly dry metals before the application of Zerust corrosion inhibiting coatings and VCI packaging products.



Panel on left cleaned with tap water, panel on right cleaned in a solution of AxxaClean HPW-100.

Zerust Surface Cleaners and Washers

Zerust Product Name	Metals Treated	Effective Against	Dilution Rate	Pressure Range
High-Pressure Cleaners				
AxxaClean™ HPW-100C	Best for ferrous, safe for all metals except zinc	Chlorides, sulfates	1-5%	0 to >3000 psi
HarSol Series	Best for ferrous, safe for all metals except zinc	Oil, Grease and Contamination	Ready to use	0 to 3000 psi
High-Pressure Washers				
AxxaWash™ NW-10C	Best for ferrous, safe for all metals except zinc	Chlorides, sulfates, hydrocarbon soils	1-5%	0 to 3000 psi

AxxaClean HPW-100C Non-Foaming, Demulsifying Cleaner



AxxaClean HPW-100C high-pressure wash additive prevents flash corrosion after cleaning processes by providing powerful deactivation of ionic contaminants, such as highly corrosive chlorides and sulfates on metal surfaces. It is non-foaming and can be applied by immersion, high-pressure or ultra high-pressure wash.

AxxaWash NW-10C Cleaner and Emulsifying Degreaser



AxxaWash NW-10C wash additive deactivates corrosion causing ionic contaminants such as chlorides left by metalworking fluids. It also degreases and removes hydrocarbon soils. It can be applied by immersion, high-pressure or ultra high-pressure wash. AxxaWash NW-10 is recommended for use on highly reactive ferrous metals such as cast iron exposed to inorganic salts and other contaminants.