

ZERUST® AxxaWash™ NW-12C

ZERUST®/EXCOR® AxxaWash™ NW-12C is a highly effective wash and rinse fluid that inhibits flash corrosion on treated metal surfaces while also enhancing the effectiveness of future corrosion prevention methods.

ZERUST®/EXCOR® AxxaWash™ NW-12C removes oily contaminants and deactivates corrosion-inducing inorganic anions to provide robust post-wash flash corrosion inhibition for up to 72 hours. Cleaning with the wash solution enhances the effectiveness of future corrosion prevention methods such as RP coatings and VCI film. In addition, it is silicate and phosphate-free and readily biodegradable.

ZERUST® AxxaWash™ NW-12C is a mildly alkaline, aqueous-based cleaning agent that can be used in immersion, ultrasonic, and low to ultra-high pressure (UHP) spray cleaning modes. Ideal for use following common metalworking processes or in pre-cleaning lines for electroplating, metallic, and non-metallic coating processes. The product is conveniently offered as a liquid concentrate and may be diluted per the application.

Application Example

Prevent rust on parts caused by contaminants left over from metalworking fluids by washing with a solution of AxxaWash™ NW-12C. Apply as a streak-free, final rinse for metals to enhance flash corrosion protection.



Benefits

Aqueous-based preservation cleaner concentrate

Inhibits flash corrosion

For use in ultrasonic, immersion, and low to ultra-high-pressure spray modes

Streak-free and low odor

Deactivates common anionic contaminants

Removes soluble and particulate metalworking soils

Enhances the effectiveness of RP coatings and VCI packaging

Complementary Products

ZERUST® VCI Packaging
Axxatec™ Water-Based RPs
Axxanol™ Oil-Based RPs
AxxaVis™ Additives
AxxaClean™ Rust Removers

Product Information

Description	Rust preventative metalworking rinse and wash fluid concentrate.	
Application	Apply via immersion, ultrasonic, spray, pressurized spray Application temperature 77 - 140°F (25 - 60°C) Dilution Ratio As required/See below Dwell time As required	
Properties	Appearance	Amber liquid
	pH of concentrate	10.22
	pH of 5% solution	9.99
	Max VOC of concentrate	15-16%
Corrosion Protection	Up to 72 hours of protection after post washing	
Substrates	Mainly for use on ferrous-based alloys and stainless steel. Test prior to use on non-ferrous alloys.	
Storage	Store in (34 to 122°F / 1 to 50°C), dry place and away from sunlight in original packaging for up to 2 years from the date of shipment. Keep from freezing. If frozen, move to a location above 50° F (10° C) and allow it to thaw. Mix well before use.	

Suggested Dosage Instructions

Application Method	Dosage Percent by Volume
Immersion	5-10%
Ultrasonic	5-10%
Spray - all pressures	1-5%

Note: The use concentration will be dependent on soil type, operating temperature, and application method. Consult a ZERUST®/EXCOR® representative if high UHP pressure spray cleaning methods are to be used. The operating guide for sump maintenance is available on request.

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Availability

ZERUST®/EXCOR® AxxaWash™ NW-12C is sold as a liquid concentrate. Large quantity pricing available upon request.

Part Number	Quantity*
350-W-00002PL	5 Gal (19 L)
350-W-00002DR	55 Gal (208 L)

*Product sold in US customary units.
Metric units approximate.

Disposal

Dispose of in accordance with local, national, and international regulations.

Precautions

- Product foams when used in spray mode. Contact your ZERUST®/EXCOR® representative for recommendations for suitable defoaming agents.
- If the product becomes frozen in storage or shipping, allow it to thaw and mix well. The reconstituted product should appear clear and amber-yellow. If it is cloudy or has solids, contact your ZERUST®/EXCOR® representative.

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