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Removing Stamping and Cutting Oils Without A Pre-Treatment Step

“The versatility of the Ultrex Electro Cleaner is the most important feature of the product,” says Kenneth Field, Plant Engineer for Zierick Manufacturing Corporation. “The fact it can be used both as an electro cleaner and a soak cleaner helped us eliminate a pre-treatment step—saving us time and money, while reducing our water consumption by 70%.”

Resource optimization is critical to any business’s success. That is exactly the mindset that Kenneth Field, Plant Engineer for Zierick Manufacturing Corporation embraced when he was tasked with finding a more effective and efficient way to remove stamping and cutting oils from the electronic connectors Zierick manufacturers.

A True Dual-Purpose Cleaner

Field was searching for a lower pH cleaner that could be used as an electro cleaner, as well as a soak cleaner. He thought that his search might be in vain until he discovered a product called Ultrex Electro Cleaner HC—a moderately alkaline electro cleaner (pH of 9-10) formulated especially for base metals such as brass, copper alloys, lead alloys, steel, white metal and zinc.

Formulated for Multi-Metal Use

Fields learned that Ultrex Electro Cleaner HC provides for effective anodic conditioning, preparing the base metal for additional processing in a wide range of plating cycles. The fact that it had proven to be particularly effective on soldered parts and multi-metal components further validated his decision to try the product.

Prior to the introduction of Ultrex Electro Cleaner HC, Zierick relied on loose piece tumbling in their efforts to clean the components they manufacture prior to electroplating. It didn’t take long for Fields to discover the true value that Ultrex Electro Cleaner HC brought to his cleaning process.



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Delivering Measurable Results

“By eliminating a pre-cleaning step and using a single cleaner for two distinct purposes is a game-changer in my eyes,” states Fields. “Ultrex Electro Cleaner HC is used as a soak cleaner and an electrocleaner on our barrel line, and as an electrocleaner on our strip line. The fact that it is such an effective dual-purpose cleaner has allowed us to eliminate our tumbling pre-cleaning operation, streamlining our manpower costs, as well as reducing our water consumption by 70%.”

About Zierick Manufacturing Corporation

A leading manufacturer of connectors and other stamped metal components for the electronics industry, Zierick Manufacturing Corporation has been providing manufactured solutions for nearly 100 years. Their success has been built upon enabling their customers to move more efficiently and economically from design concept to successful assembly. Reduced production costs, improved reliability, and faster processing speeds have become hallmarks for Zierick.



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FEATURE	ADVANTAGE	BENEFIT
Specifically formulated as a multi-metal cleaner	Effective on brass, copper alloys, lead alloys, steel, white metal and zinc	Single cleaner for all your metal parts saving you money and simplifying purchasing process
Moderate alkaline formulation	9-10 pH rating means it is safer for employees to handle and store	Employee safety and reduced environmental impact
Buffered solution	Particularly effective on soldered parts and multi-metal components	Prevents tarnish and etching of sensitive metals
Soap-free formulation	No residues left on cleaned surfaces	Can be used as both a soak and electro cleaner which reduces your rinsing requirements and water usage
Anodic conditioning	Prepares base metals for additional processing in a wide range of plating cycles	Streamlines plating process while improving plating results
Effective as both a soak cleaner and electro cleaner	Eliminates the need for a dedicated soak cleaner and separate electro cleaner	One cleaner that performs two distinct functions saves you time and money

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