



39555 Orchard Hill Place
Suite 600
Novi, MI 48185
Phone: 734-844-1510
Fax: 734-844-1509
Email: info@deltacheminc.com
Web: www.deltacheminc.com



CONSULTING

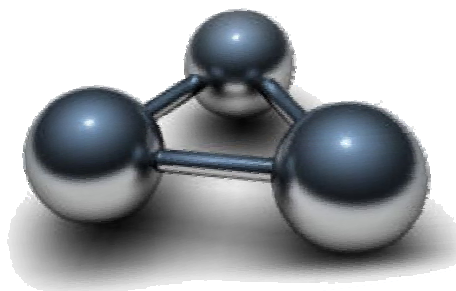
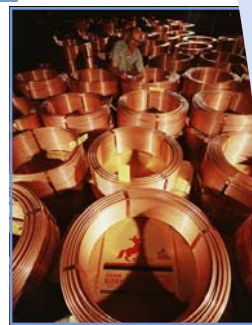
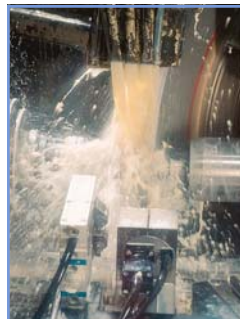
RESEARCH & DEVELOPMENT

ENGINEERING

ANALYTICAL TESTING

CHEMICAL MANAGEMENT

Delta-Chem is a multi-disciplinary team of engineers and consultants experienced in a broad spectrum of markets and equipment including: automotive, industrial paint finishing, primary metals, processing equipment and facilities. We have forged solid alliances with world class organizations to provide complete , turnkey solutions to an ever increasing global market.



Metalworking
Process Cleaning
Surface Pretreatment
Water & Wastewater

delivering value Through Innovation

Delivering Value Through Innovation

Connecting chemistry and innovation with the principles of sustainability



INDUSTRIES WE SERVE

- Aerospace
- Aluminum
- Appliance
- Automotive
- Bearing
- Cold Forming
- Coil
- Defense
- Food & Beverage
- Machinery Fabrication
- Medical Devices
- Metal Finishing
- Steel

Delta-Chem is a leading independent provider of technology, product innovation, engineering solutions and strategic consulting for *Surface Pretreatment, Process Cleaning, Metal Working Fluids and Water & Wastewater Treatment*. Combining business, product and process strategy with fundamental technical research and the implementation of new product development programs. Delta-Chem is able to take on the greatest challenges including process re-engineering, clean product design, development, engineering, testing and systems integration.

R&D DRIVEN

Delta-Chem is a research and development driven company, which is committed to delivering the highest level of service in the industry.

Through its full-service R&D group, Delta-Chem is consistently pushing the boundaries of modern science to develop revolutionary products.



TECHNOLOGY

Delta-Chem introduces world-class technology, which is made possible through extensive R&D, in-plant studies and validation procedures. Delta-Chem brings out "robust" chemical formulations with the following objectives in mind:

- Increased performance
- Eliminating or minimizing the negative environmental impact
- Delivering high value eco-friendly solutions
- Creating special formulations for increasing process mechanical efficiency
- Ensuring Process Robustness—both against in-process parameter changes, and entire process change.

TOTAL SOLUTIONS

Whether you are fabricating, machining, cleaning, coating or treating, Delta-Chem has the technology to meet your most challenging manufacturing processes. Delta-Chem offers advanced solutions based on innovative products and customized services.

Our mission is to lead the industry in creating value for our clients through differentiated services and technologies that save water and energy, enhance production and improve air quality while reducing total costs of operation.



innovative solutions for your demanding applications

technology + consulting =
a total end-to-end solution

SURFACE PRE-TREATMENT

Delta-Chem pioneered new technologies that provide best-in-class corrosion protection and paint adhesion. For instance, Delta EnviroKote is a proven proprietary environmentally-friendly formulation that uses uni-bonding techniques to provide corrosion protection and paint adhesion, without the need for heat, or subsequent rinses, or sealers. Delta EnviroKote technology offers an optimal solution.

With the ever-changing environmental regulations and directives, Delta-Chem focuses its efforts to meet the latest regulatory requirements without compromising performance targets.

Surface Pretreatment is a true area of excellence at Delta-Chem.



PROCESS CLEANING

Delta-Chem pre-treatment cleaners remove the toughest type of soils. These cleaners are applied either by direct immersion or as spray. Some of the benefits of using Delta-Chem cleaners include extension of bath life, operation at low or even ambient temperatures, ease of rinse, and direct savings on both energy and water consumption.

Delta-Chem also offers a complete line of in-process cleaners, which are biodegradable, and free of amines, nitrates, silicates, and caustic. This is in addition to its superior detergency. It also provides a polymeric film for maximum corrosion protection

METALWORKING

Delta-Chem offers a complete management program for metal-working fluids. The program is designed to enhance machining productivity and improve tool life. This is achieved while reducing total operational cost through the systematic control of a variety of operational parameters. For example, Delta-Chem offers a premium line of coolants such as Delta-Kool, which features the following:

- Micro-emulsion technologies to extend tool life and improve surface finish due to high lubricity.
- A natural bio-stable fluid,
- Excellent corrosion protection
- Extended sump life
- Environmentally design
- Superior chip carrying capabilities
- Operator friendly (no phenols, or nitrates, or chlorates.)



WATER & WASTEWATER TREATMENT

In view of the different wastewater conditions, Delta-Chem Technologies offers a variety of solutions to reduce the impact on wastewater treatment regardless of the situation, and in any industry. Delta-Chem clients minimize sludge formation, reduce man-hour requirements, improve effluent quality, achieve greater consistency, enhance water-recycling capabilities, and reduce cost — all while meeting plant discharge limitations.