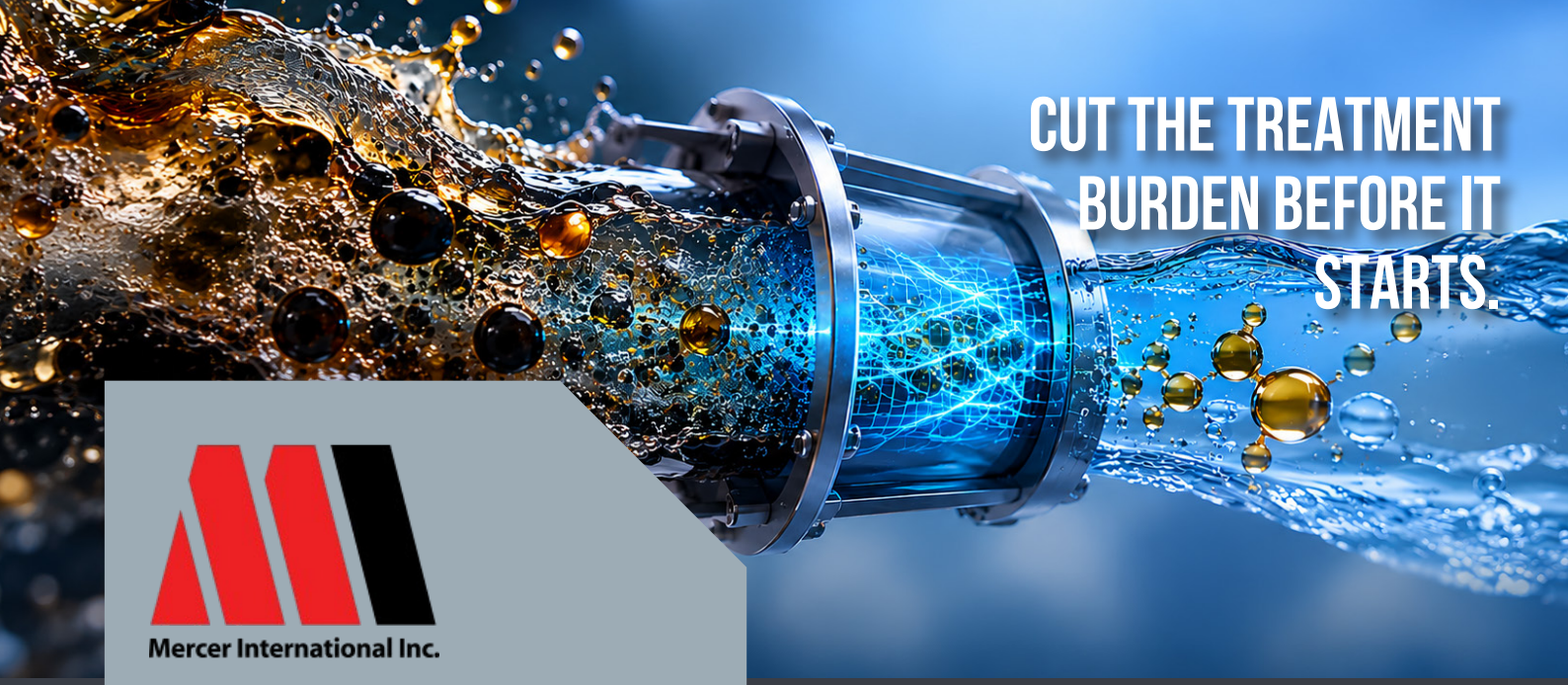


CUT THE TREATMENT BURDEN BEFORE IT STARTS.

Mercer International Inc.

CHEMCUT™

ChemCut™ is a catalytic water conditioning technology engineered to improve contaminant behavior before separation occurs.

It works upstream by conditioning contaminant behavior before separation begins, helping existing treatment technologies perform more efficiently.

The best way to treat water may be to need less treatment.

Most treatment strategies focus on adding more chemistry, more equipment, or more process stages after problems appear.

By influencing how oils, solids, and dissolved constituents interact within the water stream, ChemCut™ helps separation systems operate more effectively while potentially reducing downstream chemical dependency, treatment complexity, and operating costs.

BETTER TREATMENT STARTS UPSTREAM.

Reduce Chemical Dependency
May reduce reliance on supplemental treatment chemistry.

Improve Separation Efficiency
Supports more effective contaminant removal.

Reduce Downstream Load
Helps decrease burden on polishing technologies.

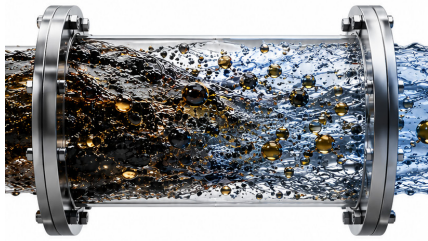
Improve Recovery Performance
Supports hydrocarbon recovery and treatment effectiveness.

Simplify Treatment Strategies
May reduce the need for additional process stages.

Lower Operating Costs
Helps treatment systems work more efficiently.

CHALLENGING WATER CONDITIONS

Stable emulsions, suspended contaminants, difficult separation and higher treatment demand



CHEMCUT™ CONDITIONING

Catalytic conditioning influences contaminant behavior, helping oils, solids, and dissolved constituents respond more favorably to downstream treatment processes

IMPROVED SEPARATION PERFORMANCE

Enhanced contaminant interaction, improved separation dynamics, reduced treatment burden and more efficient downstream operation

TRADITIONAL TREATMENT OFTEN ADDS MORE.

Most treatment challenges are addressed by adding additional chemistry, additional equipment, or additional process complexity.

By the time these solutions are considered, operating costs and treatment demands have already increased.

ChemCut™ works upstream by improving contaminant behavior before separation occurs.

WITHOUT CONDITIONING	WITH CHEMCUT ™
Stable emulsions	Improved separation dynamics
Higher chemistry demand	Reduced chemistry dependency
Increased treatment stages	Simplified treatment strategy
Greater polishing burden	Reduced downstream load
Higher operating costs	Improved treatment efficiency

Interrupt the pathway before treatment demands escalate.

FOR CHALLENGING WASTEWATER CONDITIONS

- Produced Water
- Refinery Wastewater
- Industrial Process Water
- Transportation Facilities
- Manufacturing Operations
- Food Processing
- Petrochemical Facilities
- Stormwater Treatment
- Oil-Water Separation Systems

Best applied where emulsions, suspended contaminants, chemical demand, or treatment complexity limit separation efficiency.

CONDITIONING FIRST. SEPARATION SECOND.

ChemCut™ supports the CRACK IT™ stage of Mercer's Integrated Treatment Ecosystem™ by conditioning contaminants before gravity separation and polishing technologies are applied.

Mercer integrates ChemCut™ alongside:

- **Mercer OWS Separation Systems**
- **Nanogas Conditioning**
- **Solids Conditioning**
- **Filtration**
- **Hydrocarbon Recovery**
- **Polishing Technologies**

The better contaminants behave upstream, the less work everything downstream may need to do.

TEST FOR FREE

SEND SAMPLE

We Test for FREE and Guarantee.

Every wastewater stream behaves differently. That's why Mercer evaluates contaminant behavior, separation characteristics, and treatment performance using your actual operating conditions before full deployment.

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Mercer International Inc.