



Achieve 50–100%
reduction in corrosion
rates—even during
system upsets

Reimagine Corrosion Control in Cooling Towers with Apex Profect™

OVERVIEW

Corrosion in cooling tower systems is one of the most persistent and costly challenges in biofuel production. Traditional treatment programs rely on stable operating conditions, leaving systems vulnerable during fluctuations, upsets, and changing water chemistry.

The result is accelerated **asset degradation**, higher **chemical demand**, and increased **operational risk**.

THE APEX SOLUTION

Apex Profect™ Cooling Tower Corrosion Inhibitor Program is engineered to deliver consistent corrosion protection across a wide range of operating conditions, not just ideal ones.

- **Maintains protection** during excursions and system variability
- **50–100% reduction** in corrosion rates across key metals
- **Reduce treatment cost** by optimizing oxidant demand
- **Supports low-to-zero** phosphorus treatment strategies



Corrosion Control with Apex Profect™

WHY APEX?

Apex partners with your team to optimize cooling system performance under real-world conditions. Through ongoing monitoring, system insight, and program adjustments, we help maintain consistent corrosion control—even during operational variability.

- **Proven expertise** in biofuels and industrial cooling systems
- **Customized programs** tailored to your systems
- **Data-driven** validation with **WaterSim™**
- **Peace of mind** with Apex onsite support, realtime monitoring, and system optimization

OPERATIONAL IMPACT

Measurable Performance. Real Operational Gains.

Apex Profect™ delivers results that go beyond corrosion control—impacting reliability, cost, and sustainability.

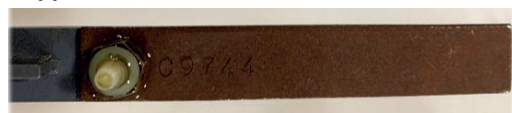
- **Protect assets** 1–2x better than traditional programs
- **Extend equipment life** and reduce unplanned downtime
- **Lower** total treatment cost
- **Improve** environmental performance

SAMPLES WITH PROPECT™

Mild Steel



Copper

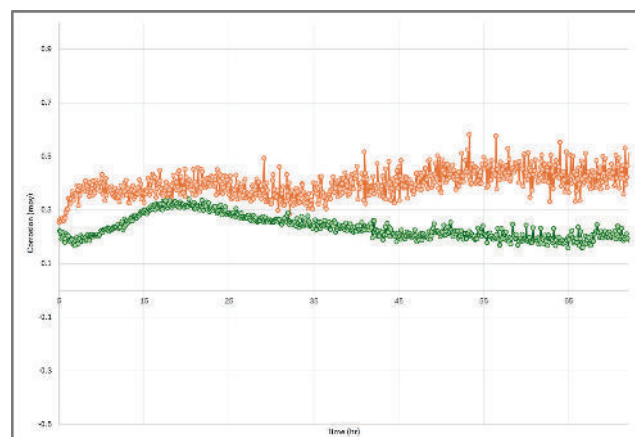


REAL-WORLD RESULTS

Facilities implementing Apex Profect™ have achieved:

- **Up to 100% reduction** in mild steel corrosion
- **Stable performance** during upsets
- **Lower** chemical use and operating costs
- **Improved** reliability and system confidence

PROVEN PERFORMANCE



ORANGE = TRADITIONAL PRODUCT
GREEN = PROPECT™

TAKE CONTROL OF CORROSION

Connect with Apex to evaluate your system and unlock performance gains.

Scan the QR code to learn more about our biofuels offerings.

