



Reliable Corrosion Control
for Fuel Ethanol Systems
from Production to
Transport—and Beyond

FCA-1008 Corrosion Control Program

Powered by Apex's CorrVal™ Technology

OVERVIEW

Fuel ethanol can be highly corrosive to metal surfaces due to oxygen, carbon dioxide, and water—creating risk across the entire supply chain.

Traditional corrosion inhibitor programs often lack reliable validation methods, making it difficult to confirm proper dosing and performance.

Apex FCA-1008, powered by CorrVal™ Technology, delivers effective corrosion protection with simple, accurate concentration verification—improving confidence and control.

THE APEX SOLUTION

Apex FCA-1008 is a concentrated fuel ethanol corrosion inhibitor that forms a protective film on metal surfaces while improving pHe buffering and system stability.

Enhanced with Apex's proprietary CorrVal™ Technology, it also enables simple, accurate validation of treatment levels without impacting finished ethanol quality.

- **Performs** across a wide range of operating conditions
- **CorrVal™**, a colorless tracer technology for simple, accurate validation

Corrosion Control You Can Validate

WHY APEX?

Apex provides corrosion control programs designed for the realities of fuel ethanol systems—combining performance with simple, accurate validation. Our team works alongside yours to ensure proper dosing, reliable protection, and confidence across the entire supply chain.

- **Simplified** testing and dosing verification
- **No risk** of finished ethanol color impact if overfed

OPERATIONAL IMPACT

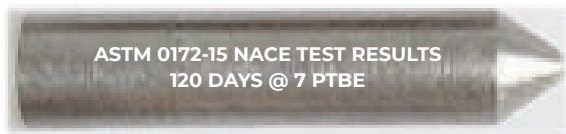
Better Protection. Simpler Validation. Greater Confidence.

Apex FCA-1008 improves corrosion control while simplifying how operators monitor and manage treatment programs.

- **Protect** the entire supply chain metallurgy
- **Simplify** testing with clear PTBE readout
- **Reduce risk** of under- or overfeeding
- **Improve** operational confidence and control

REAL-WORLD RESULTS

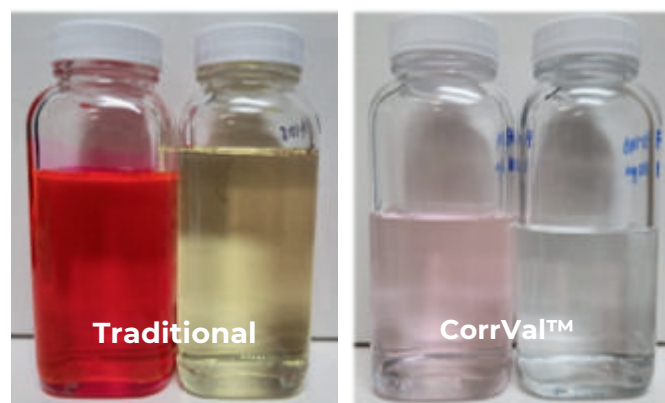
Facilities using FCA-1008 with CorrVal™ Technology achieve B++ corrosion protection at 7 PTBE, along with accurate low-level validation—improving dosing confidence without risking finished ethanol color, even when overfed.



PROVEN PERFORMANCE

RAW PRODUCT

OVERFEED SIMULATION



WHAT IS CORRVAL™?

CorrVal™ is Apex's proprietary colorless tracer and validation technology built into FCA-1008. It allows operators to quickly and accurately verify treatment concentration in PTBE—even at low levels—without the risk of impacting finished ethanol color, a common issue with traditional dyed programs.

IMPROVE CORROSION CONTROL

Connect with Apex to protect your system and simplify program management.

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

