Get Ahead of MIC in your Fuel System

Without precise monitoring and accurate results, issues associated with microbial contamination in fuel systems often go unnoticed until they become serious issues

Microbially-Influenced Corrosion (MIC), and associated issues like fuel filter blocking and fuel system instrument failures create unplanned interruptions, costly repairs and the potential for damaged reputation for all fuel users. With the introduction of biofuel FAME (Fatty Acid Methyl Esters) into diesel fuels, the incidents of biofouling have dramatically increased. This can result in serious equipment degradation and potential critical failure such as process interruptions, safety hazards and product quality issues.

Make better decisions faster

Conventional microbiological tools used to identify these issues are either painfully slow or very expensive and offer limited information. LuminUltra's 2nd Generation ATP® microbial monitoring solutions remove these barriers by providing real-time feedback on microbiological content, enabling rapid, informed on-site decision making. That means reducing the potential risk and costs associated with MIC and biofouling. With this data, users can address these issues proactively, validate severity of problem and take action immediately before microbial contamination related issues get out of hand.

Did you know?

Uncontrolled microbial contamination can negatively impact nearly every part of the fuel supply chain from refinery to retail operation, whether fuel is stored in dynamic or static situations. LuminUltra's microbial monitoring solutions allow you to instantly detect microbial contamination in all fuel environments and react immediately to reduce risk, mitigate product loss, equipment damage, and save money.

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LUMINULTRA®
microbial monitoring

Why do customers choose LuminUltra?

LuminUltra's 2nd Generation ATP test kits are a revolutionary step up from conventional tools – delivering a rapid and accurate quantification of the total microbial population in a sample. They are also a perfect complement to your existing control strategy.

Our best-in-class technology, combined with our data management and decision support system, make LuminUltra's solutions the most comprehensive management tool available today, to help the fuel industry monitor microbial contamination in their fuel systems.

We offer an optimized test protocol that will work for you

- LuminUltra Organic (QGOM™) Test Kit specifically designed for all fuel applications, low-solids organic-based samples, such as oilfield related waters, fuels, lubricants, metalworking fluids, and oily brines.
- LuminUltra Biofilm (DSA™) Test Kit designed for simple quantification of attached growth such as biofilm or slimes.
- Data Management & Decision Support Platform complete with: Mobile app for rapidly inputting and managing data; Robust analysis and reporting to put you in control.
- PhotonMaster™ Luminometer + Bluetooth Module

Ask about our GeneCount® line of DNA products and services that complement our ATP portfolio of solutions by targeting specific microbes or groups of microbes that are known to be significant in your process.

Our goal is to provide innovative solutions to Engineers, Operators and Field Technicians across the fuel supply chain, and all end users

Ask us for a business case for using LuminUltra's microbial monitoring solutions to reduce risk, save you time and money at sales@luminultra.com.

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