

PureLine Offers Chlorine Dioxide Solutions to Meet Oil & Gas Industry Challenges

PureLine expands CIO₂ solutions for oil & gas, delivering corrosion control, water reuse, & SRB mitigation with on-site systems for remote operations.

BENSENVILLE, IL, UNITED STATES, October 31, 2025 /EINPresswire.com/ -- PureLine, a leader in chlorine dioxide (CIO₂) generation and application, has fantastic offerings tailored to the oil and gas industry, delivering proven solutions for water management, corrosion control, and microbial mitigation in some of the sector's most challenging environments.



Oil rig in an oil field at night

Oilfield operations face persistent issues such as corrosion, sulfate-reducing bacteria (SRB), and treating produced water. PureLine's chlorine dioxide technologies are addressing these challenges head-on. Recent field applications and case studies have shown:

“

We're helping operators extend equipment life, reduce downtime, and recycle more water — while supporting responsible energy production.”

Tim Lathrop

- **Enhanced Corrosion Control:** CIO₂ treatments reduce corrosion by neutralizing sulfides, bacteria, and biofilms that typically accelerate damage in pipelines and injection systems.
- **Produced Water Reuse:** Bench-scale studies confirmed CIO₂ removed up to 98% of iron and 94% of suspended solids, producing water suitable for reuse in hydraulic fracturing while controlling bacteria to undetectable levels.

- **Optimized Water Treatment with DAF:** Integration of CIO₂ into dissolved air flotation systems achieved iron reduction to <1 ppm and prevented souring, improving water quality for reuse and lowering costs.
- **SRB & Biofilm Elimination:** Controlled doses of CIO₂ (as low as 3–5 ppm) effectively disrupted SRB colonies, restored well injectivity, and reduced microbiologically influenced corrosion.

“PureLine’s expertise is not just simply manufacturing chlorine dioxide, but also in engineering custom delivery systems that work reliably in the remote and high-intensity environments of oil and gas production,” said Tim Lathrop, President of [Oil & Gas](#) at PureLine. “We’re helping operators extend equipment life, reduce downtime, and recycle more water — while supporting responsible energy production.”

With scalable systems designed for both produced and injection waters, PureLine continues to lead the way in safe, effective, and environmentally responsible chlorine dioxide solutions for the energy sector.

About PureLine

PureLine is a premier provider of chlorine dioxide generation and application solutions across multiple industries, including food processing, water treatment, healthcare, and oil & gas. With proven expertise and custom-engineered equipment, PureLine helps clients achieve cleaner, safer, and more efficient operations worldwide.

Jay Parks

PureLine

+1 847-963-8465

[email us here](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/863030998>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.