

Midstream Chemicals

Midstream chemical solutions

Comprehensive chemical solutions and application expertise for midstream operations

GENERAL ANALYTICAL SERVICES

We perform all common analytical services required to understand field conditions and evaluate chemical program performance. We provide:

- Crude oil analysis
- Quantitative solids analysis
- Complete water analysis (inorganic and organic)
- Corrosion coupon analysis testing
- Scale testing
- Scale prediction modeling
- Corrosion and scale inhibitor residual testing

RESEARCH AND ADVANCED ANALYTICAL SERVICES

Specialized analytical work, research and product development is performed by experienced personnel. We provide:

- Product performance testing
- Fluid and material compatibility testing
- Corrosion
- Biotechnology
- Flow assurance
- H₂S control
- Phase separation
- Scale inhibition



Overview

Halliburton Multi-Chem has serviced more than 5,000 miles of pipeline across North America. We are structured to provide the personnel, chemistries, and expertise you need to meet any midstream challenge head-on and overcome it. Experienced in all aspects of midstream operations – including gathering systems, gas processing, transmission piping, product storage, and product transportation – Multi-Chem can respond quickly to help when problems arise. We provide specialty chemicals and chemical application expertise for asset integrity, flow assurance, enhanced oil and gas recovery, water management, and pipeline treatments.

Corrosion inhibitors

Our corrosion inhibitors neutralize corrosive substances and coat internal surfaces with protective films in flowlines, transmission lines, and gathering lines to help ensure that integrity is preserved. In addition to providing a variety of corrosion-prevention products, we can also evaluate fluid properties and field conditions to customize a corrosion-treatment program to fit your specific needs.

Biocides

Multi-Chem's biological control technologies manage deleterious microorganisms in pipelines and process equipment. Our EPA-registered

biocides help mitigate problems such as microbiologically influenced corrosion (MIC), biomass accumulation, and biogenic sulfide production. Our biocides can help decrease potential pipeline equipment failures that lead to downtime and higher operating costs for both onshore and offshore applications.

H₂S scavengers

When H₂S levels decrease, safety increases. At Multi-Chem, the safety of our customers, employees, and communities is our number one priority. That's why we offer a complete line of water- and oil-soluble H₂S scavengers that can be applied

through continuous injection or batch treatments. Our iron sulfide dissolver consistently outperforms conventional chemical solutions and provides highly effective removal of iron sulfide in both oil and gas pipelines.

Oxygen scavengers

Introducing oxygen into any pipeline system can cause problems such as accelerated corrosion, water quality issues, and solids deposition. Our oxygen scavengers reduce oxygen in oilfield pipeline systems and help prevent corrosion mechanisms that can significantly impact asset integrity.



APX™ digital platform

The APX platform provides midstream operators a digital solution to enhance the transparency and effectiveness of their chemical treatment program. Through desktop and mobile interfaces connected to multiple automated and manual inputs, operators and service teams have access to raw data and interpretation features to drive internal efficiencies that enhance treatment programs with data-driven decisions.

Users can interface with the APX™ digital platform through a desktop computer, laptop, or mobile device. The APX dashboard is the main access point for users, allowing them to view the status of activities and key program information, including key performance indicators (KPIs).

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

Sales of Halliburton products and services will be in accord solely with the terms and conditions contained in the contract between Halliburton and the customer that is applicable to the sale.

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