

Chemical Additive Treatment & Applications Improvement

Nexo Solutions independent chemical additive treatment & applications improvement expertise focuses on lowering costs and increasing production performance



The use of chemical additives is fundamental in today's Oil & Gas, chemical and petrochemical industries. Chemical additives mitigate various problems related to foaming, fouling, emulsion formation, corrosion, scale and depositions, and many other aspects for related to production, transmission, processing and storage.

Not understanding the exact rationale and justification for the use of chemical additives can lead to high costs and unexpected secondary effects caused by both additive overdosing and/or incorrect chemical additive application.



Nexo Solutions is an independent technical services provider. Among the various technical services offered, is the review and evaluation of chemical additives use, in combination with the development of optimization programs. These programs are designed by first determining the precise process deficiencies, requirements and improvement areas. The service is based on extensive data analysis and sampling for

identifying trends, gaps or inconsistencies with the objective increasing production efficiency, reducing operational costs and enabling process stability. Before you use any chemical additive, or when using any chemical treatment, let us determine what is objectively required.

Our independent chemical additive review is applicable to both new and existing facilities. The outcome is a plant-dependent chemical treatment program that is centered around:

- Data-driven chemical additive use, requirements and selections
- Fluid and process compatibility assessments
- Determination of minimal injection rates and optimal injection points
- Chemical additive delivery system design
- Chemical tenders preparations and reviews
- Chemical qualification programs and site surveys
- Field testing, trials and performance validations for specific chemical additives
- Technical training seminars on chemical additive fundamentals and troubleshooting

For additional information, please contact us at Support@NexoSolutions.com