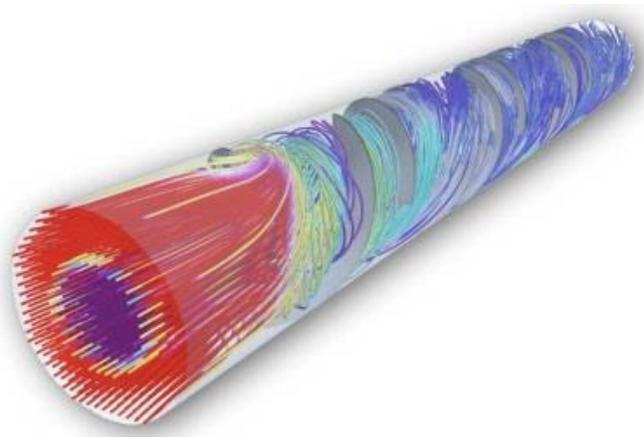


XPhase™ Extractive Separation Systems

XPhase™ technology was developed to address the extraction of liquids in both liquid and gas streams using coalescing processes, making it possible to separate essentially all emulsions and liquid aerosols. The **XPhase** systems have incorporated the latest vessel designs and internals technology, achieving superior separation under demanding conditions. The **XPhase** technologies make use of the following components:

- Proprietary media formulations
- Customized element designs
- Advanced vessel designs

These qualities allow **xPhase** to intercept entrained droplets of even sub-micron sizes and effectively remove them from the process. The proprietary media effectively disrupts stabilized water droplets, allowing for efficient capture. Fiber geometries are designed to enable and promote liquids coalescing and removal from the process stream.



XPhase protects critical assets from lubrication oils, water contamination and any possible salts, acids and bases which it may contain. Application of **XPhase** technology allows for optimized performance of downstream treaters, salt beds, exchangers and reactors while assuring the elimination of haze from finished products.

Applications

XPhase can be used for gas and liquid streams. It has a number of applications including:

- Inlet separation to processing units
- Fuel gas & natural gas conditioning
- Hydrocarbon removal from sour water, produced water & rich amine streams
- Hydrocarbon feeds to hydrotreaters, alkylation units and reformer units
- Compressor protection and compressor gas lubrication oil separation
- General water and hydrocarbon separation
- Amine solvent recovery from treated LPG streams

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