

Sulfur Removal Technologies for Liquid Hydrocarbons

Exion Systems designs and fabricates advanced process systems, contactors and sulfur removal technologies for applications in the hydrocarbon and water industries. The systems are low cost, flexible in design and completely skidded fully automated.

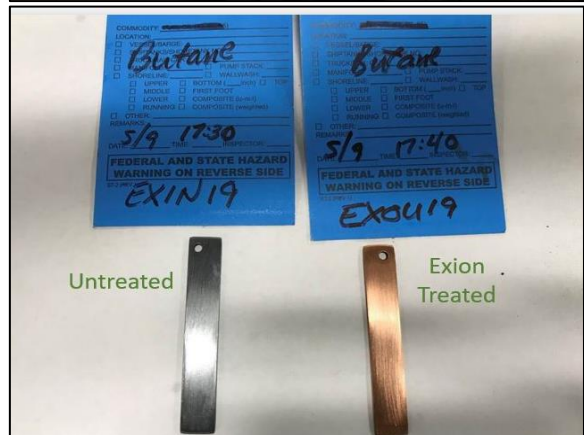
Exion LT systems are designed for optimized performance in H₂S and mercaptans separation in most liquid streams. The patented process involves the injection of a proprietary water-soluble chemical blend of active components. Exion LT is extremely effective in removing H₂S, COS, elemental sulfur and also low molecular mercaptans in liquid hydrocarbon streams.

Exion LT systems for sulfur removal provide low treatment costs on a per gallon or per barrel basis. The equipment is low cost and fabrication lead times are short.

Variants of Exion LT can also be used in a number of different applications in upstream, midstream and downstream operations.

Exion Systems applications:

- NGL, LPG, Light Crudes, Butane and Propane H₂S & mercaptans removal
- Finished fuels or intermediates water separation and dehydration
- Amine treating and amine recovery
- Caustic treating
- LPG feed conditioning
- Sour water feed conditioning
- Alkylation unit protection
- Reformer chlorides removal
- Hydrocarbon removal and recovery
- Methanol removal
- Water wash



Other Exion Systems:

Exion D systems are designed for optimized performance for emulsified and soluble water separation or dehydration.

Exion X systems are designed for imparting a high efficiency water extraction process using propriety contacting and coalescence.

Exion C systems are designed for separating liquid contaminants using coalescence.

Benefits of Exon Systems:

High Efficiency | Low Capital Costs | Small Vessel Sizes | Skidded Systems | Modular Designs

For more information about Exion Systems technologies contact us at info@ExionSystems.com