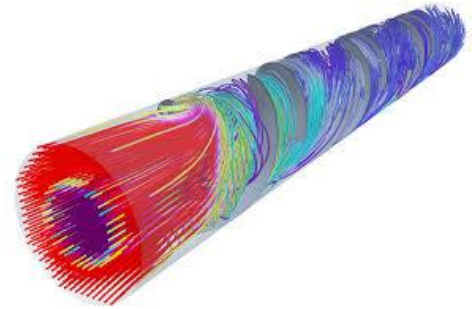


Exion® GT (Gas Treating) – For Bulk H₂S Removal

Exion® GT is a patented technology for H₂S removal using the Exion® GT-300 chemical and the Exion® contacting technology. The Exion® GT system provides unprecedented H₂S removal results. The system is designed for optimized performance in several gas streams with high levels of H₂S. The Exion® GT-300 chemical is a water-soluble blend of active components in an organic environment. The chemistry is extremely effective in removing H₂S, and can be adjusted to eliminate low molecular weight mercaptans.

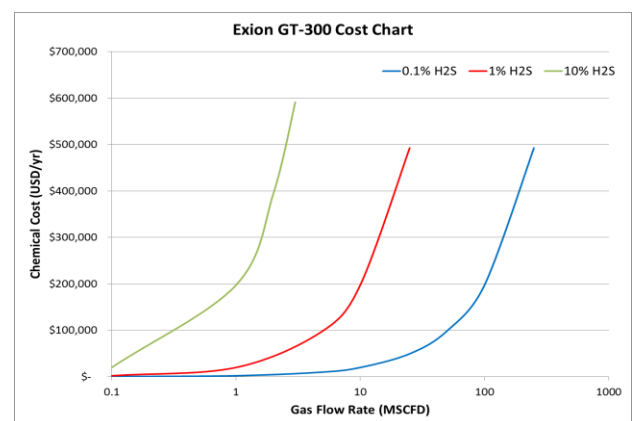
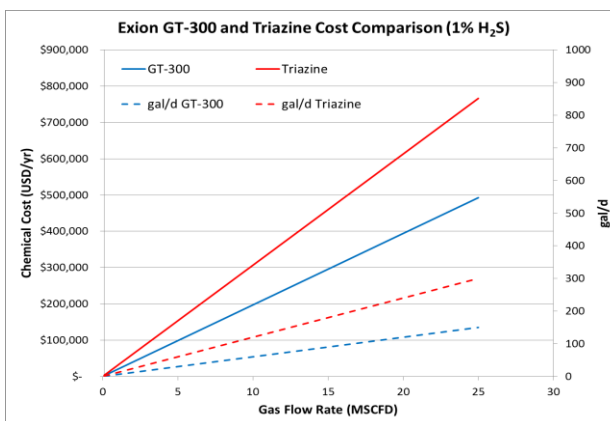
The Exion® GT is specifically designed to remove high levels or bulk H₂S from gas streams can be installed upstream of a triazine treating system to substantially reduce triazine consumption, or as a standalone unit. The Exion® GT-300 chemical has up to 2x the capacity of a triazine and is ideal to reduce H₂S levels from percentage levels to below 1,000 ppm. There is also no solid formation created by this chemical, and it is equally effective at lower temperatures.



Applications of Exion® GT Systems:

- Natural Gas
- Fuel Gas
- Treated Gas
- Vent Gas
- Flash Gas
- Biogas
- Associated Gas
- Waste Gas
- Landfill Gas

The Exion® GT-300 chemical converts H₂S irreversibly and instantaneously into a stable, non-hazardous and water-soluble component. The chemical is activated by contacting in the Exion® GT system and then separated from the gas stream by coalescence. The spent chemical is stable and easily disposed by several modes depending on the plant infrastructure. Exion® GT-300 is a safe product that is compatible with most production chemicals and materials. The chemical requires very little retention time as the chemical reaction is instantaneous. The chemical dosage required for H₂S removal using Exion® GT-300 is typically 50% lower than that of standard triazines and the overall reduction in chemicals costs is around 35% lower. The short retention time required means that the Exion® GT system is smaller and more compact compared to a triazine scrubber or tower. This translates into much lower capital costs.



Benefits of Exion® GT systems: High Removal Efficiency • Low Capital Costs • Small Vessel Sizes • Minimal Maintenance • Skidded Integrated Systems • Compact Sizes • Modular Flexibility • Continuous Operation • Minimal Downstream Effects • Low Operational Costs • Reliable Process