

Power Horse Chemical



Objective

- H2S Mitigation in Gas
- Non-Amine Solution
- Eliminate Solids
- Supply Concerns
- Ease of Application
- Price Fluctuation

Conclusion

- Eliminated H2S Completely
- Eliminates CO2
 - High CO2 increases consumption
- No Amines or reliance on MEA
- Greatly Reduced Mercaptans
- Zero Solids
- Correct pH
- Water Soluble
- Readily Available Supply
- Easily Applied
- Stable Pricing, lower pricing than Triazine
- Direct Replacement to Triazine

Summary

The presence of H2S in hydrocarbons has been problematic for generations. H2S is a major risk for the public and personnel safety. H2S increases operational cost and discount commodity values. Traditional treatments, while effective in treating H2S, are overpriced supply chain restricted chemicals that produce negative side effects. Our objective was to develop a simple, robust and economical solution that produced, or limited, negative operational outcomes.

After extensive testing, we field trialed our solution with impressive results. Inferno has been in operation for 6 months, and is performing exceptionally. To date, Inferno has exceeded expectations with producers. We have reduced cost, operational upsets, and improved runtime.

OLA

Test Results

Table 1. H₂S Breakthrough Data

Product Name	Run 1 Time	Run 2 Time	Average Time	Scavenged H2S (lb/gal)	Dosing Factor (gal/(ppm*MMcf))	Notes
Inferno	0:57:08	1:07:09	1:02:09	0.963	0.093	No Precipitation
Inferno	0:23:31	0:26:38	0:25:04	0.389	0.23	No Precipitation
MEA 30%	0:20:03	0:19:16	0:19:39	0.305	0.293	No Precipitation