

Goose

Iron sulfide dissolver



Product Features

- Dissolves iron sulfide scales without releasing hydrogen sulfide
- Reduces system fouling and under deposit corrosion via the removal of scale
- Significantly reduced corrosion potential compared to alternative iron sulfide scale removal methods (such as the use of inorganic acids like HCl or HF)
- Useful for the dissolution and prevention of both pyrophoric and non-pyrophoric iron sulfide mineral deposits
- Does not contain oxidizers
- Low freeze point. Designed for year-round use

Description

Sour systems contain significant levels of hydrogen sulfide which, when coupled with corrosion byproducts, can generate iron bearing scale deposits (combination of pyrite, porrhote, marcasite, mackinawite, etc). GOOSE is designed to form stable, water soluble complexes with iron sulfide and will not release hazardous hydrogen sulfide gas in the process. Once dissolved, GOOSE will not release the iron sulfide and will not cause water injection problems.

This product can be used anywhere where there is the potential for iron sulfides to form, including gas wells, vessels, crude oil tanks, asphalt tanks, sour water tanks, API separators, marine tankers and barges, portable tanks and IBC's, flare stacks and vessels in sour service such as coke drums, distillation columns, inlet separators, pig receivers/launchers.

Product Properties

Appearance	Clear, colorless to pale yellow liquid
Odor	Characteristic
Specific Gravity, at 20°C	0.90-1.10 kg/L
Flash Point	24°C/75°F
Freeze Point	<-20°C/-4°F
Shelf Life	1 year minimum

Applications include

- Control and remediation of iron sulfide deposits
- Downhole circulation cleaning of production tubing
- Tank cleaning

Directions for use

GOOSE is a water-based product and, as such, must be added to the system using water. It cannot be added directly to oil and will not be miscible with oil. GOOSE is particularly useful for turnaround work and preparation of vessels for inspection. For vessel cleaning, dosage will vary depending on the severity of the iron sulfide deposit.

For batch treatment of wells, GOOSE can be applied at dosages as low as 0.1% based on water content and severity of the iron sulfide deposit. Higher concentration may be required for wells with heavy iron sulfide deposits to achieve satisfactory dissolutions speeds. Shut-in time of 4-8 hours is recommended in most instances. GOOSE can be used for continuous treatment following clean-out at 50-200 ppm in order to prevent future sulfide scale formation.

Available Packaging

- 18.9 L Pails
- 205 L Drums
- 1000 L Totes



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