



Gas Well Supply

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Technical Information

Acid Corrosion Inhibitor 470 "AI-470"

PRODUCT DESCRIPTION

AI-470 is used as an organic corrosion inhibitor for acidizing systems. This product is an excellent inhibitor in HCL and HCL/HF systems. It has shown an effective temperature range to 350° F. **AI-470** contains no propargyl or acetylenic alcohols. **AI-470** is highly dispersible. It is highly soluble in water and oil. Once **AI-470** is mixed adequately into the acid, further mixing and agitation is not needed.

PRODUCT FEATURES

- Ease of mixing and handling
- Excellent protection of pumps and tubular goods
- Extremely water and acid soluble
- Eliminates sulfide scaling and H₂S embrittlement

GENERAL DESCRIPTION

Form....Liquid

Color....Dark

Odor....Amine

Solubility....Water, Brines, Acids

Chemical Family....Blend

Pour Point....>22° F

Density....8.5-8.9

APPLICATION AND USE RATE

Typical use rate is 1-20 gals/1000, depending on the application, treatment system, and downhole conditions. Treatment of 2 gals/1000 in standard 15% HCL systems has shown effective for corrosion prevention.

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