

PROHIB 300

■ High-Temperature Corrosion Inhibitor

> PRODUCT DESCRIPTION

ProHib 300 is a propargyl alcohol free, highly effective acid corrosion inhibitor designed to give excellent corrosion protection on casing, tubing and downhole tools in contact with hydrochloric acids up to 325°F.

Commonly used alloys N-80, P110 can be protected effectively with ProHib 300. Optimized based on traditional corrosion inhibitors, ProHib 300 introduces multiple functional components, which can form a tough, persistent film on metal surfaces blocking the corrosive conditions as well as the corrosive impact of fluid turbulence.

Additions of small amounts of ProHib 300 (2-15 gpt) can give good corrosion inhibition against HCL fluids. Intensifiers should be used to improve the performance when higher temperature and severe conditions are anticipated.

ProHib 300 is compatible with common oilfield brines.

> PACKAGING

ProHib 300 is available in 330 gallon totes or can be blended into all concentrations of HCL according to the users' blend recipe.

> RECOMMENDED APPLICATION

ProHib 300 is used typically in 15% - 20% HCL stimulation fluids at temperature up to 325°F. It protects casing, tubing, and tools with N-80, P110, etc. materials from acid corrosion. ProHib 300 is soluble in water and compatible with common oilfield brines.

- Recommended treatment is 2-15 gpt
- Performance can be improved with intensifiers at higher temperatures (greater than 275°F.)
- Good compatibility with DDBSA(Dodecyl Benzene Sulfonic Acid)

Typical Physical Properties

Color	Amber
Specific Gravity	1.076
Density	8.97
Solubility	Complete
Flash Point	>150°F

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