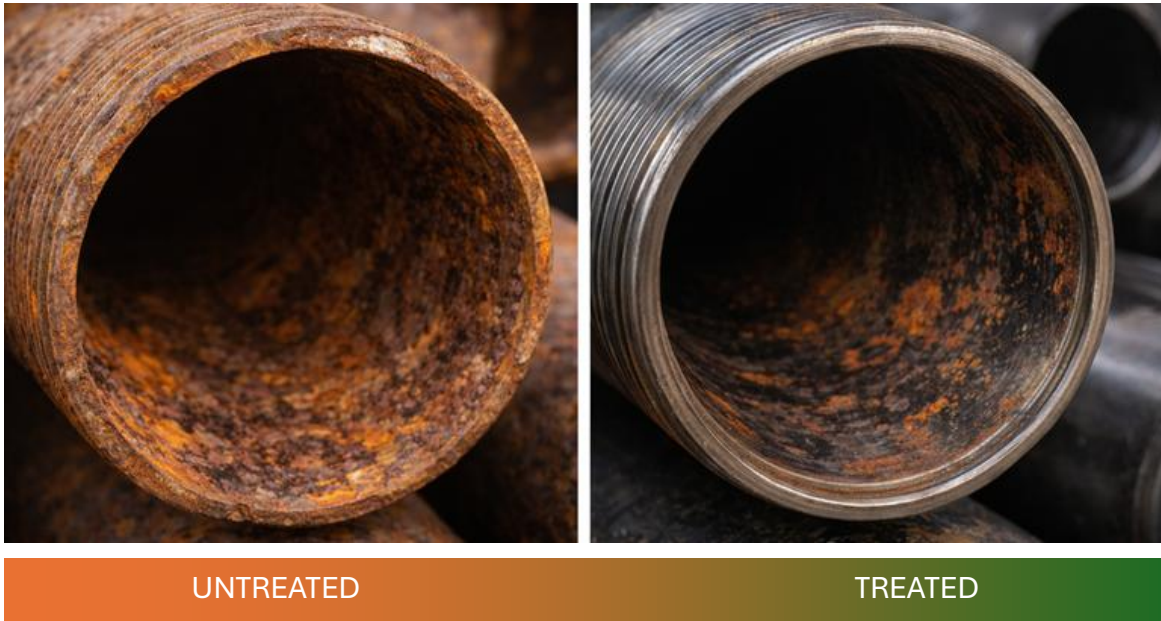


# Packer Fluids

Corrosion Control, Oxygen Scavenger and Elastomer compatible



**PF-25/50: Balanced Chemistry, Improved Corrosion Resistance, Extend Well Life.**



Features	Performance
<b>High-Efficiency Film-Forming Corrosion Protection</b>	Reduces general and localized corrosion rates by <b>≥95%</b> , enabling tubing and casing integrity over <b>20+ years</b> of static annular exposure
<b>Integrated Oxygen Scavenging Capability</b>	Eliminates oxygen-driven corrosion, lowering corrosion rates from <b>&gt;1.0 mm/year</b> to <b>&lt;0.05 mm/year</b> , especially after workovers and fluid handling events.
<b>High-Temperature and High-Density Brine Stability</b>	Maintains long-term corrosion protection without precipitation, phase separation, or performance loss in HPHT and deepwater wells.
<b>Metallurgy and Elastomer Compatibility</b>	Prevents stress corrosion cracking, elastomer degradation, and seal failure—reducing non-productive time and intervention risk.
<b>pH Buffering and Chemical Synergy</b>	Stabilizes fluid chemistry and further suppresses corrosion mechanisms, improving inhibitor persistence and reducing treatment frequency by <b>up to 30%</b> .
<b>Long-Life, Low-Maintenance Protection Design</b>	Delivers <b>life-of-well corrosion control</b> , lowering total cost of ownership and reducing annular integrity failures—one of the leading causes of sustained casing pressure incidents.

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## Application

- ✓ 0.2% - 0.5% ratio by volume effectively protects casing in most well conditions
- ✓ Integrates seamlessly with existing fluid solution to improve corrosion resistance
- ✓ On-site testing apparatus allows for real-time decision making for dosage
- ✓ Typical solution of PF-25/50 will remove dependence on addition of Bactericide (usually a hazardous chemical).
- ✓ Works with high salinity environment with high PH to restrict impact to casing degradation.
- ✓ The solution remains effective at high temperatures in excess of 350° F.

## Physical Properties

Appearance	Dark translucent
Flash point	<200°F
pH	9-11
Pour point	<-10°F
Specific Gravity	1.07 – 1.12



**Designed and manufactured in the USA adhering to the highest industry standards.**

Contact: [connect@allied-shipping-chemicals.com](mailto:connect@allied-shipping-chemicals.com)