



# Reliant Technologies, Inc.



## ***R-Nox 97*** ***Packer Fluid Inhibitor For Natural and Synthetic Oilfield Brines***

**R-Nox 97**® is a combination surfactant, oxygen scavenger, and corrosion inhibitor for use in natural and synthetic oilfield brines especially when these brines are used as annular (packer) fluids.

**R-Nox 97**® provides “triple protection”, guarding against corrosion from each of the three common oilfield corrosion mechanisms: biological attack, oxygen attack, and acid gas (CO2 or H2S) attack.

**R-Nox 97**® will not damage reservoir permeability in the event that brine containing **R-Nox 97**® inadvertently comes in contact with the producing formation.

**R-Nox 97**® forms a clear solution with all natural and synthetic oilfield brines.

**R-Nox 97**® also finds application as a corrosion inhibitor for fluids used in hydrostatic testing and cleaning of tanks, pressure vessels, and pipelines.

### Physical Properties:

Pour Point, °F.....	-10
Viscosity .....	~ 60 cps
pH, 5% solution in water .....	8.0 - 10.0
Flash Point (PMCC), °C.....	>200
Specific Gravity.....	~ 1.0
Solubility, 10% in:	
Fresh water.....	Soluble
Oilfield Brine.....	Soluble
Crude Oil .....	Insoluble
Kerosene or Diesel.....	Insoluble

### Typical Treatment Rates:

For packer fluids: average treatment is 1 drum per 150 barrels of fluid; in cases where extra protection is required, **R-Nox 97**® may be safely used at 1 drum per 100 barrels of fluid; in cases where corrosion concerns are minimal, **R-Nox 97**® may be used at 1 drum per 200 barrels of fluid.

For hydrostatic testing: use 1 drum per 300 barrels of fluid.

*“Across the South and Around the World”*

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