

# CI-149LF

## Corrosion Inhibitor / Packer Fluid



### GENERAL DESCRIPTION:

**CI-49 LF** is a 17 to 19% active quaternary ammonium chloride, amine ethoxylate, and sulfite blend. The product is a highly cationic compound that is used to formulate corrosion preventives for use on a wide variety of oilfield production chemicals. This product is an excellent corrosion inhibitor for CO<sub>2</sub>, H<sub>2</sub>S and H<sub>2</sub>S contributors and oxygen. **CI-49 LF** can also be used to remove biomass in high dosages.

**CI-49 LF** is also used in oil well completions for packer fluid corrosion inhibition, water injection system surfactants, water clarifiers, and anti-foulants. **CI-49 LF** can be blended in scale inhibitor packages for multi-purpose chemical additives.

### APPLICATION INFORMATION:

Apply **CI-49 LF** at approximately 0.25% - 1.0% when used in packer fluid or workover completion fluids.

In water injection systems, slug treat at 500 to 1000 ppm and then add on a continuous basis at 100 ppm. Increase as needed based upon ppm of oxygen to be removed.

### PRODUCT SPECIFICATIONS:

Form.....	Liquid
Appearance.....	Dark, clear
Flash Point.....	> 100 C
Pour Point.....	- 40 C
pH.....	8.1 +/- 0.5
Water Solubility.....	100%
SG.....	1.03 +/- 0.05

### SAFETY AND HANDLING:

Before handling, storing, or product use, see the Material Safety Data Sheet (MSDS) for details.

### DISTRIBUTION:

**CI - 49 LF** is available in 20 Liter Pails, 205 Liter Drums and 1250 Liter Totes.

### Iron Horse Chemicals 24 Hour Emergency Hotline:

1-800-424-9300 (CHEMTREC) U.S.A.

1-613-996-6666 (CANUTEC) Canada

(250) 782-3972- Dawson Creek, BC

CORROSION INHIBITOR