

WIC-654L

Iron reducing agent for both live and spent acid applications

Applications

- Use as an iron control agent in acid stimulation treatments
- Use in acid stimulation treatments where crude oil has high sludging tendencies

Features and Benefits

- Effective in both live and spent acids
- Effective up to 350°F (177°C)
- Effective in hydrochloric acid concentrations up to 28%
- Compatible with a wide range of acid additives
- Rapidly reduces ferric iron to less-damaging ferrous compounds
- Works with acid corrosion packages to provide lower corrosion rates

Product Description

WIC-654L is an effective iron-control agent for acidizing applications. It is capable of minimizing iron-induced sludge formation and iron-compound secondary precipitation. Unlike other iron-control agents, it works in both live and spent acid conditions by quickly converting ferric ions (Fe^{3+}) to the less-damaging ferrous ions (Fe^{2+}). To control 1,000 ppm of iron, the required dose is 3 gal/1,000 gal (or 3L/m³) of acid. To control 3,000 ppm of iron, the required dose is 10 gal/1,000gal (or 10L/m³) of acid.

Specifications

Appearance	Clear, colorless liquid
Specific gravity	1.6
Pour point	-22°F (-30°C)
Flash point	>212°F (100°C)
Freezing point	-31°F (-35°C)

