

WCI 1013[†]



BENEFITS

Mitigates corrosion from carbon dioxide and hydrogen sulfide

Temperature stable up to 350°F

High tolerance for calcium makes it suitable for many divalent brine fluids

Eliminates the need for a supplemental bactericide



APPLICATIONS

0.25% - 0.50% v/v (typical)

Water-based and brine based fluid systems, including packer fluids

Pilot testing and corrosion monitoring will aid to determine the appropriate concentration for a specific scenario



PHYSICAL PROPERTIES

- Appearance: Dark amber liquid
- Specific Gravity: 1.08 - 1.11
- Flash Point (Neat): 147°F

WCI 1013 is designed to inhibit corrosion due to carbon dioxide and hydrogen sulfide in water-based fluid systems, including water-based packer fluids.



WCI 1013 corrosion inhibitor

TREATMENT RECOMMENDATIONS

WCI 1013 addresses corrosion mechanisms caused by hydrogen sulfide and carbon dioxide. WCI 1013 helps prevent general corrosion on casing, tubing and downhole tools that come in contact with the fluid.

Most applications require a treatment of 0.25% to 0.50% by volume, although some environments may require additional treatment.

Pilot testing is recommended to determine the appropriate concentration for a specific scenario. WCI 1013 performs best as part of a comprehensive corrosion control program that includes elevated pH (where practical) and corrosion monitoring.

PACKAGING AND HANDLING

WCI 1013 is provided by our sister company, Jacam Catalyst Oilfield Services. Packaging may be labeled with the Jacam Catalyst Oilfield Services brand. WCI 1013 is available in 5 gallon pails, 55 gallon drums and 275 gallon totes.

Handle WCI 1013 as an industrial chemical, wearing protective equipment and observing precautions as described in the Safety Data Sheet (SDS).



AES DRILLING FLUIDS

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