

# WGS 25WC/546<sup>†</sup>



## BENEFITS

- Water- and oil-soluble corrosion inhibitor that reacts rapidly to remove H<sub>2</sub>S
- Zinc-free / environmentally preferred
- Does not require carbon dioxide to be effective
- Will not precipitate in high pH systems



## APPLICATIONS

- Water-based drilling or completion fluids where H<sub>2</sub>S is expected
- Apply in concentrations using the table to the right or as conditions dictate
- Pilot testing and monitoring will aid to determine the appropriate concentration for a specific scenario



## PHYSICAL PROPERTIES

- Appearance: Clear
- Specific Gravity: 1.01-1.06
- Flash Point (°F): 135°F

WGS 25WC and WGS 546WC are specially formulated amine blends designed to remove of hydrogen sulfide from drilling fluid systems.



WGS 546WC hydrogen sulfide scavenger

## TREATMENT RECOMMENDATIONS

WGS 25WC/WGS 546WC treatment levels depend on the level of H<sub>2</sub>S in the system. The chart below can be used for reference, however, treatment levels should be adjusted based on specific H<sub>2</sub>S scenarios.

	Initial Treatment (lb/bbl)	Higher H <sub>2</sub> S Concentrations (lb/bbl)
WGS 25WC	0.1 - 0.5	1.0 - 2.0
WGS 546WC	0.2 - 0.8	1.0 - 2.5

H<sub>2</sub>S gas intrusion into the wellbore should be carefully monitored by both surface equipment and routine measurement of the sulfide concentration in the drilling fluid. WGS 25WC and WGS 546WC performs best as part of a comprehensive corrosion control and H<sub>2</sub>S mitigation program that includes elevated pH (where practical) and monitoring.

## PACKAGING AND HANDLING

WGS 25WC and WGS 546WC are provided by our sister company, Jacam Chemicals. Packaging may be labeled with the Jacam brand. WGS 25WC and WGS 546WC are available in 55 gallon drums as well as 275 and 330 gallon totes.

Handle 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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