

GEOCHEMM

Technical Data Sheet

GEO SCAV 221

Oxygen Scavenger

Scope of Application	<p>: GEO SCAV 221 is an inorganic liquid that prevents oxygen corrosion in drilling and production applications in the oil field.</p> <p>GEO SCAV 221 contains only non-volatile raw materials. For this reason, it can be used in high purity systems.</p>
Dosage	<p>: The dosage of GEO SCAV 221 depends on various system parameters (eg temperature, concentration ratio and total salinity). The initial dose should be between 4-10 liters per hour at the suction of the pump . Sulphide determinations are made up or down depending on the results of the sulfite test, by means of fluid detection in the flow line and at the injection site. The desired excess sulfite content is 100-300 mg / L in the flow line.</p> <p>This level ensures that there is sufficient sulfide in the drilling fluid to extract the oxygen to the desired low level.</p>
Apperance	: Liquid (Clear, yellowish liquid)
pH(20°C, %1 solution)	: Approx. 6.0
Density (20°C)	: Approx. 1.25 g/cm ³
Solubility	: Miscible.
Freezing point	: < -2 °C
Applications	: GEO SCAV 221 provides corrosion inhibition by cleaning the oxygen content in the water. Continuous GEO SCAV 221 dosage is required for effective oxygen reduction.