



# IntegraBond™ Salt

ACHIEVING ZONAL ISOLATION IN SALT ZONES WITH FIT-FOR-PURPOSE CEMENT SLURRIES

## APPLICATIONS

- Primary cementing operations in salt formations
- Cementing gas storage wells
- Vertical, deviated and horizontal wells

## FEATURES & BENEFITS

- Enables effective cementing of salt formations
- Controls the dissolution of material from salt formations
- Ensures proper cement placement
- Improves cement bond and zonal isolation
- Provides required development of compressive strength
- Slurries are formulated with a range of salt tolerant additives
- Predictable response of cement additives
- Can be formulated to control gas migration

## OVERVIEW

IntegraBond Salt cement slurries are designed to provide cement bond integrity across salt formations. Due to the mobility and solubility of salt formations, the most common risks during cementing are: poor bonding resulting in inadequate zonal isolation, washouts, and the dissolution of salt into the spacer and cement slurry causing changes in viscosity, thickening time, and compressive strength development.

Specially engineered to ensure minimal salt dissolution, IntegraBond Salt cement systems are formulated with 3 to 5% potassium chloride (KCl) or 10 to 37.2% sodium chloride (NaCl) and special salt-tolerant additives and bonding agents.

Special slurry testing protocols and job design criteria are recommended to verify suitable cement properties and ensure proper cement placement.

## TYPICAL PROPERTIES

TYPICAL DENSITY RANGE	11 to 20 ppg
TYPICAL TEMPERATURE RANGE	80°F TO 400°F