

HydroTECH™

HydroTECH solutions are designed to proactively treat water and aid water management strategies in extraction and processing environments.

How HydroTECH™ works:

HydroTECH includes chemistries that neutralize various salt complexes present in produced and make-up water and those pulled from the formation during the extraction process. HydroTECH breaks apart salt molecules and then chelates the individual ions making them inert as the water is pulled through the formation, well system, and processing environment. This process helps the formation regain its permeability impacted by salt complexes and the production environment. These chemistries also attack various scale deposits to reduce or eliminate their effect on flow rates.

Benefits:

- Reduce and eliminate scale within the well system
- Reduce and eliminate the corrosive impact caused by salt based compounds
- Suspends salt ions in a flowable and non-reactive form
- Safe on people, equipment, and the environment



Applications:

- Aids oil extraction by:
 - Treating produced and make up water
 - Breaking salts complexes present in formation
- Treating produced water in extraction and upgrading processes
- High volume waterflooding
- Improve production in tight permeability formations
- Continuous drip process (injection and production wells)
- Concentrated application for rapid cleaning and deposit removal

