

CHEMICAL IP

CHEMISTRY / SYSTEMS / SCALE

CORE PRODUCT CATEGORIES / SUBSURFACE + MINERALS

Stimulation & Mineral Control

SynStim™, MineralLock™, and specialty acid-alternative concepts.

Develop targeted treatment where conventional acids or stabilizers create cost, compatibility, or handling problems.





STIMULATION & MINERAL CONTROL / 01

Controlled intervention

The treatment is selected around mineralogy, fluid chemistry, equipment materials, and the desired result.

SYNSTIM™

Acid-alternative and remediation concepts for selected formation and equipment duties.

MINERALLOCK™

Clay and shale stabilization designed around the specific rock-fluid system.

SCALEX™

Deposit prevention and removal support in water, production, and mineral circuits.

STRUCTURAGEL™

Rheology control can be paired with fluid placement or handling needs.

These products are qualified for the target substrate and treatment window.



STIMULATION & MINERAL CONTROL / 02

Build the test plan

A useful lab screen reproduces the actual mineral and fluid interactions.

CHARACTERIZE

Identify mineral, deposit, rock, salinity, temperature, and metallurgy.

COMPATIBILITY

Check precipitation, emulsion, corrosion, and adjacent treatment chemistry.

PERFORMANCE

Measure dissolution, stabilization, flow, or deposition response as appropriate.

SCALE AND DEPLOY

Select batch, continuous, or skid-assisted preparation and field application.

Process design includes handling and safety requirements for the selected chemistry.



STIMULATION & MINERAL CONTROL / 03

Markets that connect

The platform crosses traditional oilfield and mineral-processing boundaries.

WELL STIMULATION

Explore targeted treatment for difficult formations and damage.

MINING

Assess leach enhancement, equipment cleaning, and ore conditioning.

WATER TREATMENT

Control deposits that limit reuse equipment and process uptime.

INDUSTRIAL PLANTS

Address cleaning and mineral-fouling bottlenecks.

A defined deposit or formation sample is the most useful starting point.