

CHEMICAL IP

CHEMISTRY / SYSTEMS / SCALE

CORE PRODUCT CATEGORIES / PRODUCT PLATFORM

SepraTech™

Separation & demulsification

Improve phase separation and process stability with chemistry selected for the actual emulsion or suspension.

APPLICATION • PROOF • COMMERCIAL SCALE



01 / 04



SEPRATECH™ / 01

Where the platform fits

Improve phase separation and process stability with chemistry selected for the actual emulsion or suspension.

PRODUCTION

Address crude-water emulsion and off-spec basic sediment and water.

WATER

Support oil removal, clarification and treatment-train performance.

SPECIALTY

Explore tailored emulsifier and separation concepts for mineral and personal-care uses.

CONNECTED SYSTEM

Chemical IP R&D, OFI supply and Kane engineering can be combined when the process requires more than a product.

Select the treatment around the customer stream, objective and operating constraints.



SEPRATECH™ / 02

Prove the operating value

Application-specific tests connect a technical response to a customer decision.

SAMPLE

Characterize phase composition, solids, temperature and incumbent treatment.

SCREEN

Use bottle, settling, flotation or filtration tests matched to the process.

FIELD TRIAL

Measure separation speed, outlet quality, residuals and dose.

VALUE METRIC

A cleaner separation at a lower full-process cost.

Bench and field results define the commercial claim for this application.



SEPRATECH™ / 03

From trial to program

Qualified chemistry becomes a repeatable supply and service arrangement.

QUALIFY

Agree on the specification, sampling plan and acceptance criteria.

ENGINEER

Select product form, production route, equipment and safe operating envelope.

SUPPLY

Choose bulk, toll, private label or regional manufacture as volume supports.

IMPROVE

Connect batch quality, dose and field data to an ongoing technical review.

A representative sample and a measurable target are the best starting point.