

Soltellus™ 2402L

A Biodegradable Scale Inhibitor that Improves Operational Efficiency

Overview

Introducing Soltellus™ 2402L polymer, our cutting-edge biodegradable scale inhibitor designed to revolutionize water treatment processes in desalination membranes, cooling towers, and oilfield-produced water. Our advanced formula ensures efficient scale prevention while prioritizing environmental sustainability. With our product, you can safeguard equipment, enhance performance, and contribute to a greener future.

Key Features and Benefits

HIGHLY EFFECTIVE SCALE PREVENTION

Our biodegradable scale inhibitor provides superior protection against scale formation, reducing downtime and maintenance costs.

MULTI-APPLICATION COMPATIBILITY

Suitable for desalination membranes, cooling towers, and oilfield-produced water, offering versatility and ease of implementation across various water treatment systems.

SAFE & NON-TOXIC

Our environmentally friendly, non-toxic product ensures the safety of operators, nearby ecosystems, and the environment while maintaining peak performance.

IMPROVED EQUIPMENT LONGEVITY

By preventing scale accumulation, our inhibitor enhances the lifespan of equipment, minimizing the need for frequent replacements and reducing operational expenses.

ENHANCED EFFICIENCY

The scale inhibitor optimizes water flow, improving energy efficiency and reducing the overall carbon footprint.

EASY INTEGRATION

Compatible with existing water treatment systems, our inhibitor can be seamlessly integrated into your current processes without requiring extensive modifications.

22%

Up to 22% Increase In
Performance Compared to
Conventional Polyaspartate

>95%

Reduction in Calcium
Carbonate &
Barium Sulfate Scale

Soltellus Scale Inhibition Benefits by Market

	Eliminate Flow Restriction	Increase Production & Recovery	Environmental Impact
Oil Fields	>90% reduction in calcium carbonate & barium sulfate scale Effective in dosages of 15 ppm	+30% increase in oil & gas production <50% freshwater demand	No phosphorus release Biodegradable
Desalination	>80% reduction in calcium carbonate & barium sulfate scale Improved flux rates	>70% recovery of permeate water	No phosphorus release Biodegradable
Cooling Towers	>90% reduction of calcium carbonate and barium sulfate scale Effective in dosages as low as 15 ppm	Increased number of concentration cycles for cooling towers	No phosphorus release Biodegradable

Proven Results as a Scale Inhibitor

Third-party Langlier Saturation Index (LSI) tests were conducted with Soltellus and other conventional scale inhibition alternatives at a low dosage of 4 ppm. Soltellus showed a 22% increase in scale inhibition compared to current conventional polyaspartate (PASP) offerings and performed on par with conventional non-biodegradable alternatives.

Soltellus Scale Inhibition Performance Against Alternative Commercial Antiscalants

