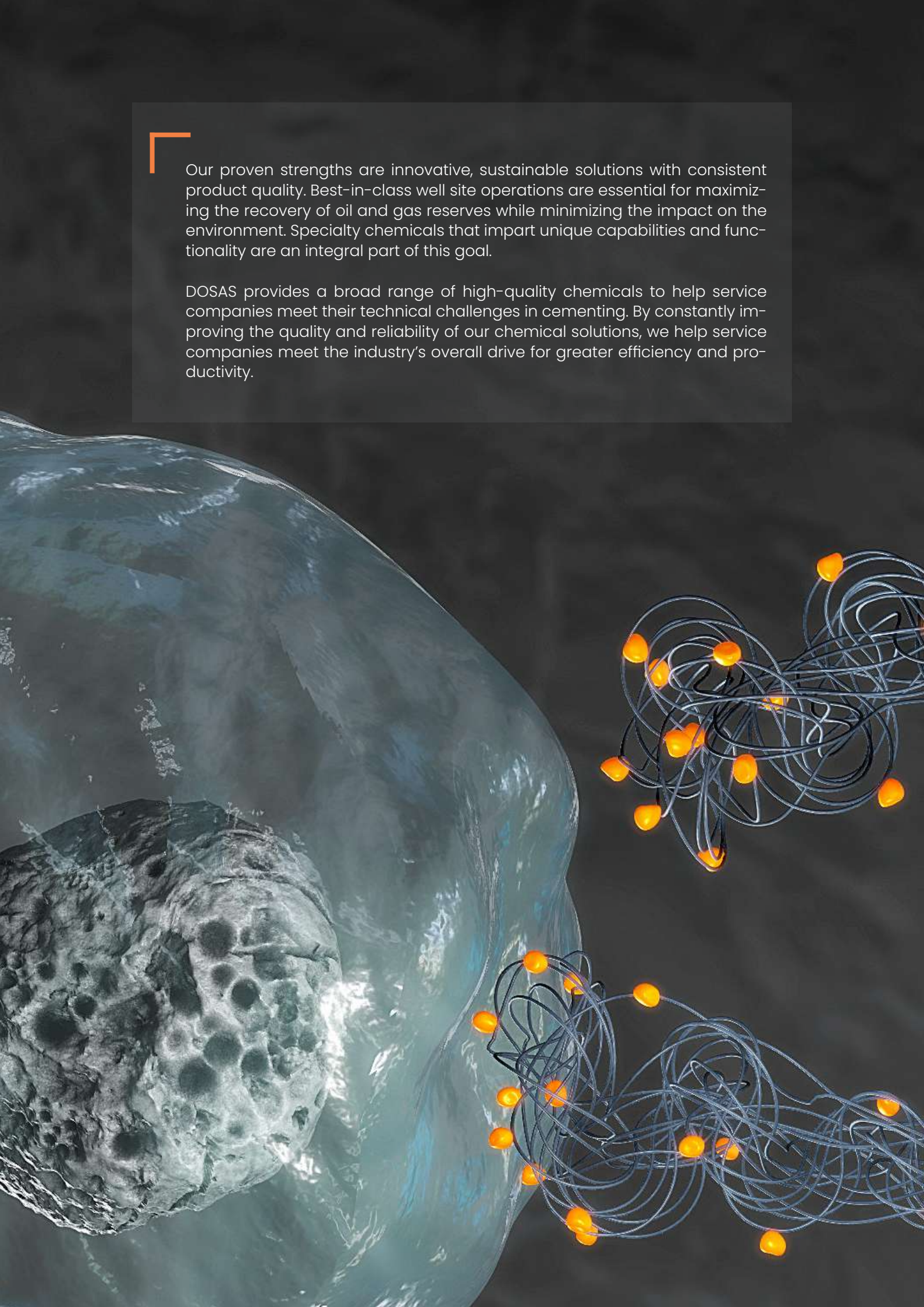




Cementing Additives

**Improve Zonal Isolation,
Bolster Your Casing, and Protect the Formation**



Our proven strengths are innovative, sustainable solutions with consistent product quality. Best-in-class well site operations are essential for maximizing the recovery of oil and gas reserves while minimizing the impact on the environment. Specialty chemicals that impart unique capabilities and functionality are an integral part of this goal.

DOSAS provides a broad range of high-quality chemicals to help service companies meet their technical challenges in cementing. By constantly improving the quality and reliability of our chemical solutions, we help service companies meet the industry's overall drive for greater efficiency and productivity.



Enhance the performance of your cement with our additives

The cement sheath that seals your wellbore is, ultimately, an investment to ensure safe, secure well operations and a protected environment. Well cements encounter the pressure range from near ambient in shallow wells to more than 30,000 psi in deep wells. In addition to severe temperatures and pressures, well cements must often be designed to contend with weak or porous formations, corrosive fluids, and over pressured formation fluids. Cement additives make it possible to accommodate such a wide range of conditions. Additives modify the behavior of the cement system, ideally allowing successful slurry placement between the casing and the formation, rapid compressive strength development, and adequate zonal isolation during the lifetime of the well.

We provide oil and gas service companies with superior and cost-effective additives performance across a broad range of pH, temperature, and salt conditions. Our high-quality products are versatile, widely compatible, and environmentally friendly.

Our cement slurry additives work in low to extreme-temperature, high-stress, and ecologically sensitive environments; combat shallow-water and gas flow in deep water wells, are suitable for low to high-density slurries and withstand CO₂ and other corrosive environments.

DOSAS is committed to providing world-class engineering; consistent and high-quality cement products and additives to ensure dependable, long-term cement performance in every well, every time.



Solution for cementing

DOSAS offers high-performance additives for achieving high-quality zonal isolation, allowing for accurate reservoir characterization, maximizing recovery through production optimization operations, and reducing eventual abandonment costs.

By custom blending, for a specific well condition, we ensure optimal performance because understand performance throughout the life of the well.

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DosFL™ Fluid Loss Control Agent

- Provides filtration control properties for a variety of drilling fluids such as drilling muds, completion fluids, gravel packing and spacers/ flashes
- Developed for primary or squeeze operations
- A fluid loss control value of 50 mL under API conditions can be achieved over the entire temperature range at low concentration
- Low free fluid is easily achieved
- It can be used in slurries containing NaCl up to 37% BWOW

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DosTab™ Antisettling Agent

- Used in cementing as a viscosifier to control free water and solids settling
- Used in spacer fluids to prevent solids separation
- Used in drilling fluids as a viscosifier and to maintain solids in suspension
- Gives some fluid loss control in most applications

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DosSet™ Set Enhancer

- Provide improved early compressive strength development for oil well cementing systems
- Used primarily in concrete to control stability, segregation and water loss

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DosFlex™ Elasticity Agent

- Enhances sheath durability over the duration of the wells' production cycle
- Utilized as a seepage loss control additive in downhole cementing applications

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DosDefoam™ Defoamer

- Defoaming for the prevention of air entrapment in the cement slurry during mixing
- Demonstrate a reduction in foaming level in the liquid mix and in the liquid or cement mix to below 5% after 30 min
- Highly effective and efficient over a wide pH range
- Temperature, shear and pH stable
- Ideal for applications containing latex, PNS dispersant and/or brines

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DosSurf™ Surfactant

- Designed to promote phase inversion of an oil external inverted emulsion to be highly effective at degreasing surfaces
- Designed to reduce oil mud viscosity
- Used to ensure rheological compatibility between the oil based, invert or synthetic based mud and water-based spacers
- Very low foaming tendency
- Applicable with fresh water, sea water and various brines including NaCl and CaCl₂

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DosBond™ Expansion Agent

- Provides expansion in oilfield cements
- Improved bonding and zonal isolation while helping to control micro-channeling
- Used in freshwater slurries or saltwater slurries up to saturation

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DosThiox™ Thixotropic Agent

- Provides thixotropic properties i.e. forms gel when static and fluid when in motions
- Prevent lost circulation during slurry placement

High performance chemicals for cementing

Cementing	Function	Chemistry	Recommended products
	Set Enhancer	Special Blend	DosSet™ 10 Set Enhancer
	Anti-settling Agent	Polymer	DosTab™ 100 Anti-settling Agent
	Elasticity Agent	Polymer	DosFlex™ 800 Elasticity Agent
		Elastomeric Composites	DosFlex™ 300 Elasticity Agent
		Elastomeric Composites	DosFlex™ 100 Elasticity Agent
	Thixotropic Agent	Inorganic Compound	DosThiox™ 85 Thixotropic Agent
	Cleaning Agent	Surfactant	DosSurf™ AF-14 Surfactant
		Surfactant	DosSurf™ 10 Surfactant
	Expanding Agent	Salt	DosBond™ LT-10 Expansion Agent
		Solid Mineral	DosBond™ HT-20 Expansion Agent
	Fluid Loss Additives	Natural Polymer	DosFL™ HS-30 Fluid Loss Control Agent
		Synthetic Polymer	DosFL™ SP-12 Fluid Loss Control Agent
		Polyvinyl Alcohol	DosFL™ PV-20 Fluid Loss Control Agent
	Antifoam & Defoamer	Silicone Emulsions	DosDefoam™ 800 Defoamer
		Modified Polyethers	DosDefoam™ 90 Defoamer
		Organic Material	DosDefoam™ 400 Defoamer
	Cement System	CO ₂ Resistant	CO ₂ Resistance Cement
		Casing Leaks Solution	DosDur™ Self-Sealing Cement
		Casing Leaks Solution	REPS Cement System

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Discover your possibilities

with DOSAS



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