

Bellasol® S50

greater production and protection

Superior performance without phosphonate compatibility issues in scale treatment.



Bellasol S50 in action

Phosphonates, though inexpensive to purchase can cost you in production and maintenance when incompatible with other chemistries.

Challenge

Producing oil in the fields of Cameroon requires the correct balance of chemistries to meet the many variable well characteristics. Phosphonates, a widely used scale control additive, were causing an emulsion to excessively stabilize the production fluids. This resulted in greater than 20 ppm crude-in-water for discharge. Several demulsifiers failed to give the needed separation to provide the superior environmental outlook the company desired. This could have led to fines as well as significantly wasted profits in discharged oil.

Results

Bellasol S50, known for its ability to effectively treat scale, was inserted into the formulation replacing the phosphonates. The properties of Bellasol S50 allow for a superior performance without introducing potential compatibility issues. The end result was maintaining scale inhibition without compromising other chemical treatments and eliminating the emulsion issue caused by the phosphonates. This allowed the producer to save money in terms of oil loss as well as in not having to pay fines for environmental issues.



Our wide selection of biocide chemistry can be tailored for any treatment scenario.

Learn more at www.wateradditives.com

Bellasol® S50

Bellasol S50 is a superior performing scale inhibitor for use in oil and gas applications. It has a wide range of tolerances to pH, temperature and even iron. It has high compatibility to other chemicals and water with high calcium/high TDS brine. Bellasol S50 excels in superior control of barium sulfates (BaSO₄) as well as calcium carbonate/sulfate scales. When looking for a solution to severe conditions where phosphonates fail, Bellasol S50 is the answer.

Bellasol Product	Attributes	Benefits
S50	Premium performance, multi- purpose product against mixed scales	Highly effective against most scales including BaSO ₄ , Ca ₃ (PO ₄) ₂ , CaSO ₄ , SrSO ₄ , CaCO ₃ even in high TDS. Excellent brine compatibility and ease of detection.
S30	Superior calcium scale control	High performance severe scale control against CaSO ₄ & CaCO ₃ .
S65	Superior environmental profile	Strong scale performance with excellent biodegradability profile.
S28	General purpose antiscalant	Excellent CaCO ₃ performance.
S16	General purpose antiscalant	Cost effective alternative to traditional phosphonates.



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