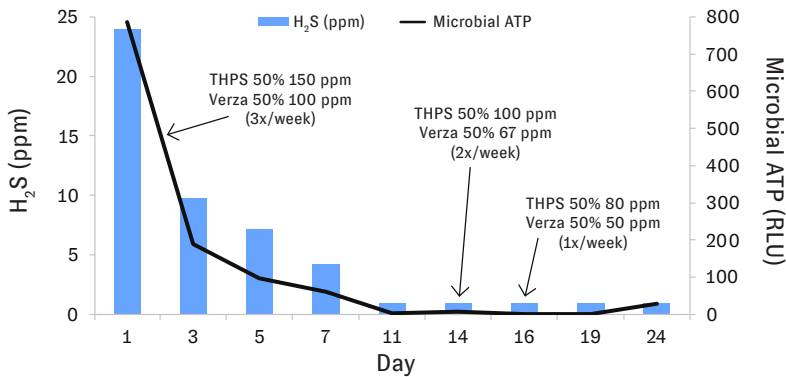


# Case Study: Enabling Improved Biocide Cost-Performance and Robust H<sub>2</sub>S Control Under Challenging Offshore Conditions

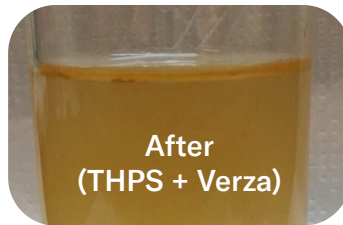
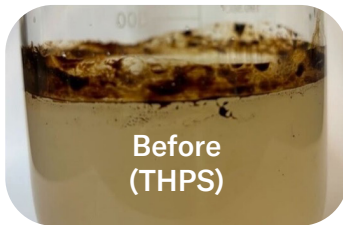
An offshore operator was experiencing biofilm and H<sub>2</sub>S generation in an FPSO slop tank with a challenging environment for biocide efficacy. The incumbent program, consisting of THPS (50%), was providing occasional performance, becoming very susceptible to process variations that were causing spikes in H<sub>2</sub>S.

To address this problem, Verza360 was applied in conjunction with the incumbent chemical program, lowering the dose of both THPS and Verza360 across the duration of the trial to observe impact on performance. The introduction of Verza360 led to a more stable and robust treatment program, reducing THPS use while improving biocide performance, H<sub>2</sub>S control, and discharge water toxicity.



- >50% reduced THPS consumption
- >99% improved microbial control
- >90% reduction in H<sub>2</sub>S levels

Solugen's Verza360<sup>®</sup> series are not registered according to FIFRA and therefore have no associated FIFRA claims.



For a complete case study or additional information on our Verza360 product line, visit [solugen.com/oilandgas](http://solugen.com/oilandgas) or contact us at [energysolutions@solugen.com](mailto:energysolutions@solugen.com). Pricing available upon request.