

Drizit Demonstration CASE STUDY

Location: Durban, South Africa

Partner: Drizit Environmental

Date: October, 2025



1. Overview

As part of a joint initiative to evaluate the performance and commercial potential of FP OilStop® solutions, a live demonstration was conducted in Durban, South Africa in collaboration with Drizit Environmental. The primary objective was to assess product effectiveness across a range of oil remediation scenarios while identifying opportunities for collaboration, market entry, and long-term partnership development.

Location & Setup: The demonstration took place at Drizit Environmental's Durban operational base. The facility includes advanced separation systems, an evaporation pond, and dedicated testing zones - providing a controlled yet realistic environment for evaluating remediation performance.

2. Objectives

The demonstration aimed to:

Showcase the capabilities of FP OilStop® products (Float, Sinking, Sinking X, and Surface) in real-world conditions.

Evaluate product performance across multiple oil contamination types.

Assess compatibility with existing spill response and remediation solutions used by Drizit Environmental.

Explore commercial opportunities within South Africa and the broader African market

3. Demonstration Process

A range of FP OilStop® products were tested against different contamination scenarios:

- **Float** – Designed for oil contamination on water surfaces
- **Sinking** – Targeted at subsurface or deeper water contamination
- **Sinking X** – An enhanced formulation for heavier or more complex hydrocarbons
- **Surface** – Developed for hydrocarbon spills on hard surfaces

Each product was applied under conditions representative of real-world spill events.

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4. Results



All four products performed successfully under test conditions.

Each solution effectively encapsulated or separated oil in line with its intended application.

Float stood out due to its ease of application, rapid action, and clear visual results.

Strong applicability was identified across several current market use cases.

5. Limitations & Development Opportunities

No significant performance limitations were identified during testing, including in scenarios involving previously untested contaminants.

However, several development opportunities were discussed:

- A sprayable solution for use in tanks and confined environments.
- Continued development of a gel-based product for enhanced application flexibility.
- Advancement of a dedicated remediation solution for broader environmental use.

Additional products under development will be provided to Drizit Environmental for further evaluation.



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6. Business Outcomes

The demonstration led to several important outcomes:

Independent validation of FP OilStop® product performance by a respected spill response organisation

Strong interest from Drizit Environmental in potential distribution and application

Agreement to proceed with further testing & explore a formal partnership, subject to successful outcomes

7. Conclusion

The Durban demonstration successfully validated the effectiveness of FP OilStop® products in practical, industrial environments.

Strong interest from Drizit Environmental – particularly in Float and the forthcoming Gel product – highlights a promising pathway for market entry in South Africa, with potential expansion across the African continent.

With both parties aligned on next steps, this initiative represents a significant milestone toward establishing a strategic partnership and driving broader regional adoption of FP OilStop® solutions.

8. Next Steps

Supply additional product (Float and Gel) for extended testing

Conduct further demonstrations as required

Explore expansion opportunities in international markets, including Spain