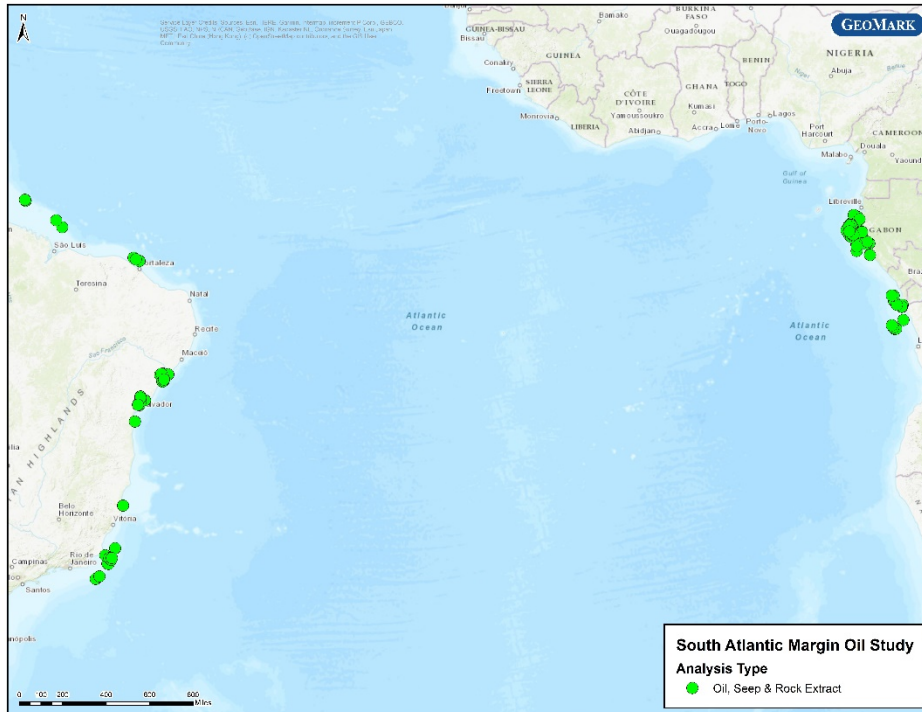


## South Atlantic Margin Oil Study

### Regional Petroleum Geochemistry of Crude Oils from South Atlantic Basins



GeoMark Research has assembled a comprehensive collection of crude oil samples from productive basins along both margins of the Southern Atlantic. Each of these oil samples has been geochemically analyzed for bulk parameters, carbon isotopic content, GC/MS biomarkers, and GC/MS/MS (Metastable Reaction Monitoring) techniques. All of these data have been integrated with the regional geology to accomplish the following:

- Construct a more exact biomarker defined age control for the South Atlantic Cretaceous oils.
- Provide a more precise model of the lacustrine, marine, and "transitional" organic facies that have sourced oil in the African and Brazilian Basins.
- Map the distribution of each oil family.
- Refine the thermal maturity levels for the various oil families.
- Provide a better characterization of unmixed oil families, and estimate the components and percentages of mixed samples

This interpretive assessment is finished and ready for delivery as a PDF and ArcGIS product. Data used in this interpretation is available for a separate subscription fee. Please contact GeoMark research for more information.

**For Additional Information Contact:**

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