



SAND2015-4847PE

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## Crude Oil Characterization and Research Project

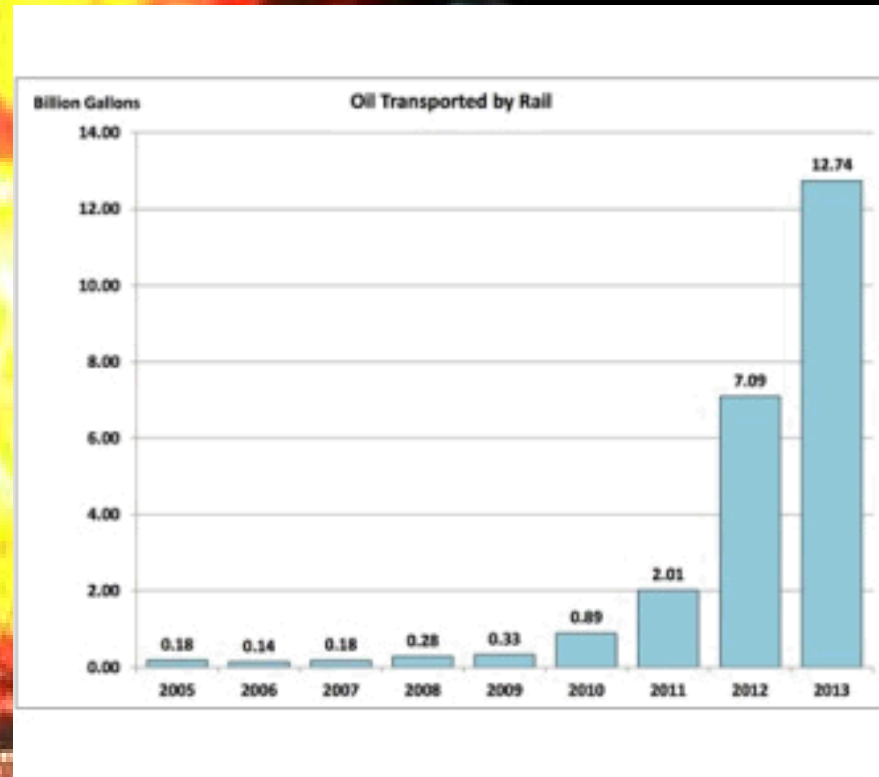
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Sandia National Laboratories



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# Crude Oil Characterization and Research



# Fire Videos

- <https://www.youtube.com/watch?v=tOSQyaLyf7I>
- [https://www.youtube.com/watch?v=K-tUQTw\\_Vtk](https://www.youtube.com/watch?v=K-tUQTw_Vtk)

## Jointly Funded by US Department of Energy and Department of Transportation

- Determination of properties via analytical procedures, other proposed Sampling, Analysis and Experiment activities include:
- Use of acquired chemical and physical property data in development of computational models for predicting crude oil behavior in rail transport accident scenarios.
- Execution of experimental activities (including planned fires and full-scale derailment and/or collision events with rail tankers) to validate and/or improve predictive models.