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Energy and Power Production **Fuels**

Predicting the Liquid Lengths of Heavy Hydrogen Fuels

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Abstract: The purpose of this paper is to outline the procedure used in determining the liquid lengths in diesel fuels. Using models formulated by previous researchers as well as the thermodynamic properties for three fuel surrogates the liquid length can be determined for diesel fuel, JP8 as well as provide a model for fuels between these ranges. This information is to later be used to develop a computer program to perform these calculations on engines running in a test cell.

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