

## **Sloshing characters for vary density in depth**

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Sloshing is important for safety of LNG tank and crude oil tank, the density of crude oil is vary from top to bottom continuously both in the transporting and petroleum processing. It has different characters from the sloshing of uniform liquid, we will present the characters of natural frequencies for vary density liquid. We will also discuss the relation between the number of layers and the number of natural frequencies, and compare the results with Fluent.

### **Reference:**

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