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# Phase behavior modelling of asphaltene precipitation utilizing MLP-ANN approach

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## ABSTRACT

Since the sedimentation of heavy hydrocarbons such as asphaltenes, is the highlighted concern in the petroleum industry, this study aims to address this challenge in the precipitation of asphaltene from heavy oil. In this study, a mathematical model is developed to predict the asphaltene precipitation from heavy oil. The model is based on the MLP-ANN approach. The model is trained using experimental data. The model is used to predict the asphaltene precipitation from heavy oil. The model is used to predict the asphaltene precipitation from heavy oil. The model is used to predict the asphaltene precipitation from heavy oil.

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