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# Kinetics of Asphaltene Aggregation Phenomena in Live Oils

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## **Abstract**

THE THOROUGH KNOWLEDGE OF THE ASPHALTENE AGGREGATION PHENOMENA AND PRESSURE/TEMPERATURE RELATED KINETICS IS HELPFUL FOR ACCURATE PREDICTION/CONTROL OF THE ASPHALTENE ISSUES IN ALL FACETS OF PETROLEUM PRODUCTION/PROCESSING. HOWEVER, CHARACTERIZING THE ASPHALTENE AGGREGATION PHENOMENA IN LIVE OILS AT HIGH PRESSURE-HIGH TEMPERATURE CONDITIONS IS NOT WELL DISCUSSED IN THE AVAILABLE LITERATURE. IN THIS WORK, THE ASPHALTENE AGGREGATION PHENOMENA AS WELL AS THE KINETICS OF AGGREGATION AT DIFFERENT LEVELS OF PRESSURE AND TEMPERATURE ARE

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