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Authors: Vahid Azari, Erfan Abolghasemi, Ali Hosseini, Shahab Ayatollahi, Farzaneh Dehghani



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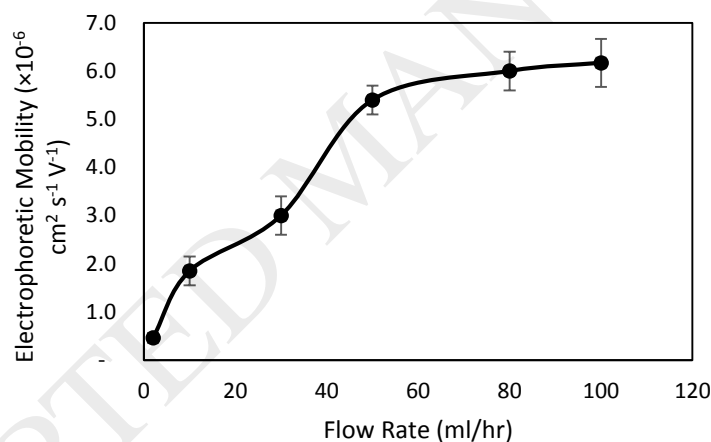
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Electrokinetic Properties of Asphaltene Colloidal Particles; Determining the Electric Charge Using Micro Electrophoresis Technique

Vahid Azari ^a, Erfan Abolghasemi ^a, Ali Hosseini ^a, Shahab Ayatollahi ^{a*} and Farzaneh Dehghani ^a

^a Sharif Upstream Petroleum Research Institute, Department of Chemical and Petroleum Engineering, Sharif University of Technology, Tehran, Iran

Graphical Abstract



Effect of fluid flow rate on electrophoretic mobility of asphaltene particles under 2 KV electric field. Asphaltene/heptol-50 mixture in dynamic model

Abstract

In this work, the electrokinetic properties of asphaltene particles have been investigated. Micro-electrophoresis method by applying DC electric field, was utilized to the different mixtures containing asphaltene to determine its electric charge. It was observed that in

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