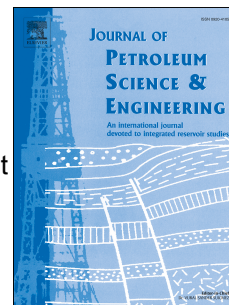


Accepted Manuscript

Viscosity reduction mechanism in high temperature of a gemini viscoelastic surfactant (VES) fracturing fluid and effect of counter-ion salt (KCl) on its heat resistance

Jincheng Mao, Xiaojiang Yang, Yanan Chen, Zhaoyang Zhang, Chong Zhang, Bo Yang, Jinzhou Zhao



PII: S0920-4105(18)30065-2

DOI: [10.1016/j.petrol.2018.01.052](https://doi.org/10.1016/j.petrol.2018.01.052)

Reference: PETROL 4639

To appear in: *Journal of Petroleum Science and Engineering*

Received Date: 17 April 2017

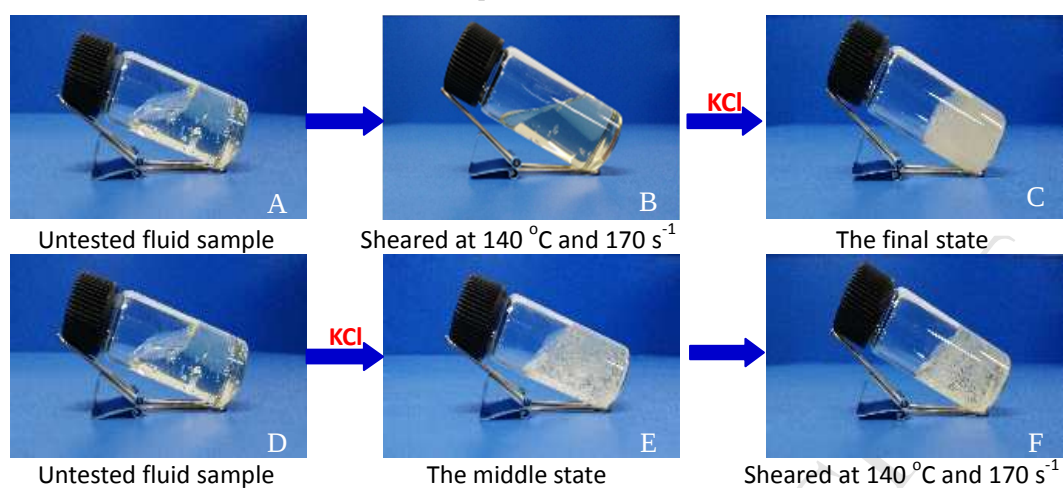
Revised Date: 9 November 2017

Accepted Date: 25 January 2018

Please cite this article as: Mao, J., Yang, X., Chen, Y., Zhang, Z., Zhang, C., Yang, B., Zhao, J., Viscosity reduction mechanism in high temperature of a gemini viscoelastic surfactant (VES) fracturing fluid and effect of counter-ion salt (KCl) on its heat resistance, *Journal of Petroleum Science and Engineering* (2018), doi: 10.1016/j.petrol.2018.01.052.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Graphic abstract



The appearance changes caused by counter-ion salt of potassium chloride in different orders.

Download English Version:

<https://daneshyari.com/en/article/8125177>

Download Persian Version:

<https://daneshyari.com/article/8125177>

[Daneshyari.com](https://daneshyari.com)