

SPECIAL SECTION: 4TH INTERNATIONAL CONFERENCE ON BIOREFINERY–TOWARD BIOENERGY**Editorial**4241 [dx.doi.org/10.1021/ef501372p](https://doi.org/10.1021/ef501372p)**Special Section for the 4th International Conference on Biorefinery–Toward Bioenergy**
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Phase Order Inversion During Heavy Oil and Bitumen Production with Solvent Addition
Robert A. Stewart, Caitlin V. Wood, Steven J. Murowchuk, and John M. Shaw*

Figure 1. Phase diagrams showing the phase behavior of heavy oil and bitumen systems during solvent addition. The diagrams illustrate the phase order inversion and the effect of solvent concentration on the phase behavior.

Figure 2. Phase diagrams showing the phase behavior of heavy oil and bitumen systems during solvent addition. The diagrams illustrate the phase order inversion and the effect of solvent concentration on the phase behavior.

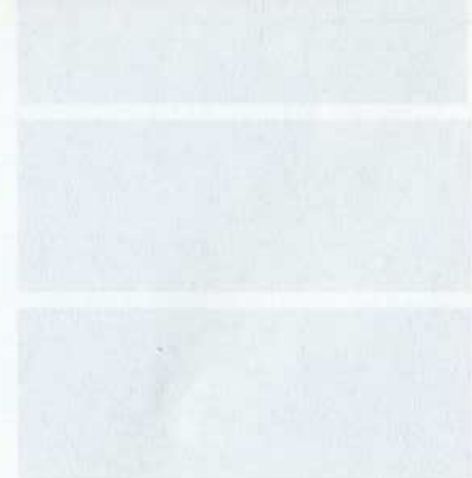


Figure 3. Phase diagrams showing the phase behavior of heavy oil and bitumen systems during solvent addition. The diagrams illustrate the phase order inversion and the effect of solvent concentration on the phase behavior.

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