

cEOR CHEMICAL SELECTION

powered by
InspIOR® - Microfluidic Technology Platform
The Next Generation Fluidics Lab





cEOR Process and Chemical Selection

At fluidXlab we redefine how chemical EOR (cEOR) processes and chemicals are selected. Our technology is much faster, accurate and requires far less fluid volume compared to conventional testing methods. This ultimately cuts cost and time to field implementation and helps our customers to outperform.

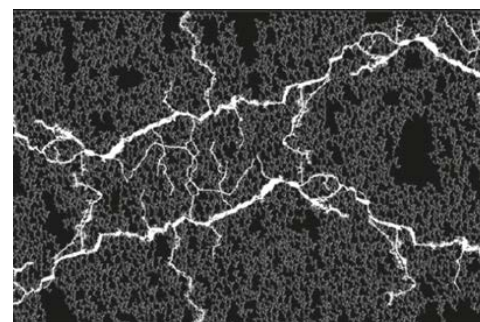
THE BETTER WAY TO FIELD IMPLEMENTATION

Test up to **one hundred chemical formulations** (Alkaline, Surfactant, Polymer, and Cosolvent) per day at extreme conditions p, T (sub-ambient to 200 °C, >10.000 psia), including live oil. The fully automated testing process enables safe and efficient chemical selection with minimal human interaction.

TRANSFORMING THE cEOR SELECTION PROCESS TO A SINGLE-CHIP

fluidXlab has developed dedicated chips for cEOR chemical selection:

- ⌞ Chemical Mixing
- ⌞ Aqueous Stability Testing
- ⌞ Oil Scan
- ⌞ Emulsion Quantification
- ⌞ Oil Displacement Efficiency
- ⌞ Conformance Testing



Oil displacement efficiency, oil recovery, pore-scale trapping mechanisms, residual/initial saturation distributions.

Contact us today and talk to one of our fluidic experts!

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