

CFD-Aspen Plus interconnection method. Improving thermodynamic modelling in computational fluid dynamic simulations

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Highlights

- CFD-Aspen Plus connection via Matlab and Excel VBA.
- Compounds and thermodynamic models from Aspen Plus available in CFD.
- Method validated for single compounds and mixture in any fluid state.
- Implementation of models created from experimental data via Aspen Properties.
- Accurate characterization of oil fractions and supercritical fluids.

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