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Equations for the Surface Tension of Low GWP Halogenated Alkene Refrigerants and their Blends

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Highlights

- The experimental surface tensions of two low GWP refrigerant families were analyzed.
- Experimental surface tensions of blends containing low GWP fluids were studied.
- Recent scaled CSP models were tested for the surface tension of these refrigerants.
- Ethylene derivatives' deviations are similar to those available in literature.
- The proposed equation for the propylene derivatives and blends gives low AADs.

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