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Author: A.C. Galvão A.Z. Francesconi

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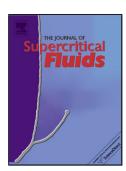
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ACCEPTED MANUSCRIPT

The effect of [bmim][Br] on the solubility of carbon dioxide and methane in glycols at pressures up to 14 MPa and temperatures ranging from (303 to 423) K

A.C. Galvão ^{a*}, A.Z. Francesconi ^b

^a Department of Food Engineering, Santa Catarina State University – UDESC 89870-000, Pinhalzinho – SC, Brazil

^b School of Chemical Engineering, University of Campinas – UNICAMP 13083-852, Campinas – SP, Brazil

*Corresponding author: + 55 49 3366 3971; alessandro.galvao@udesc.br

Highlights

- Influence of [bmim][Br] on the solubility of carbon dioxide and methane in glycol were measured for pressures up to 14 MPa and temperatures up to 423 K
- Solubility data are generated by the total pressure method
- Henry's law constants are presented
- [bmim][Br] (0.1 mol.kg⁻¹) leads to a salting-in effect

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