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Water ρ(kg/m3) Vp(m/s) μ (cP) K (GPa) T=25°C, P=0.1 MPa (15 psi) 997.05 1496.7 0.890 2.234 T=65°C, P=19.3 MPa (2,800 psi) 988.80 1589.0 0.438 2.497 T=125°C, P=31.7 MPa (4,600 psi) 954.29 1584.0 0.230 2.394
Synthetic Cranfield Brine MgCl ₂ ·2H ₂ O 10.7 g/L CaCl ₂ ·2H ₂ O 35.0 g/L NaCl ₂ 107 g/L At room P (0.1 MPa)/T (25 °C) Cranfield Brine: 1,086 kg/m3, 2.64 GPa Water: 997 kg/m3, 2.23 GPa

