

and requires viscosity data at the pressure in question was found to give better results, with a maximum deviation of 30 %, in the region of the critical density and a close fit at the highest pressures. However, the best correlation was obtained with a simple reciprocal relationship which required a knowledge of only the mole fraction and the conductivity at the temperature and pressure in question. This relationship gave a maximum deviation of 25 % and an excellent fit at the highest densities.