Problem 1A.6

Estimation of liquid viscosity. Estimate the viscosity of saturated liquid water at 0°C and at 100°C by means of (a) Eq. 1.5-9, with $\Delta \dot{U}_{\text{vap}} = 897.5 \text{ Btu/lbm}$ at 100°C, and (b) Eq. 1.5-11. Compare the results with the values in Table 1.1-2.

Answer: (b) 4.0 cp, 0.95 cp