

## 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  $\Delta\hat{u}_{\text{vap}} = 897.5 \text{ Btu/lb}_m$  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