

Using the same procedure as for uranium and from the data given in Table 2, the simple ANDRADE equation for plutonium is:

$$\eta_{Pu} = 7.72 \times 10^{-3} \cdot \exp(3200/RT) \text{ poise}$$

and for thorium:

$$\eta_{Th} = 13.46 \times 10^{-3} \cdot \exp(5300/RT) \text{ poise}$$

Thus it is expected that the viscosity of plutonium at 2000°K. = 1.72 centipoise (see Table 2) is slightly less than that of water at 0°C. ( $\eta = 1.79$  centipoise.)