



# ENGINEERING CALCULATIONS

## Fann 35 – Viscosities & Shear Rates

$$\begin{aligned} \text{Shear Rate (sec}^{-1}\text{)} &= 1.703 \cdot \text{RPM} \\ \text{Viscosity (cP)} &= (511 \cdot \text{Rdg}) \div (1.703 \cdot \text{RPM}) \end{aligned}$$

Where: Rdg = Fann 35 reading  
RPM = Fann 35 speed