$$K = 846.72\ D_n^{\ 4}\ \Delta H_{@}\ C_p^{\ 2}\ \left(1\text{-}B_{ws}\right)^2 \frac{M_d\left(t_m + 460\right) P_s}{M_w\left(t_s + 460\right) P_{bar}} = _____$$