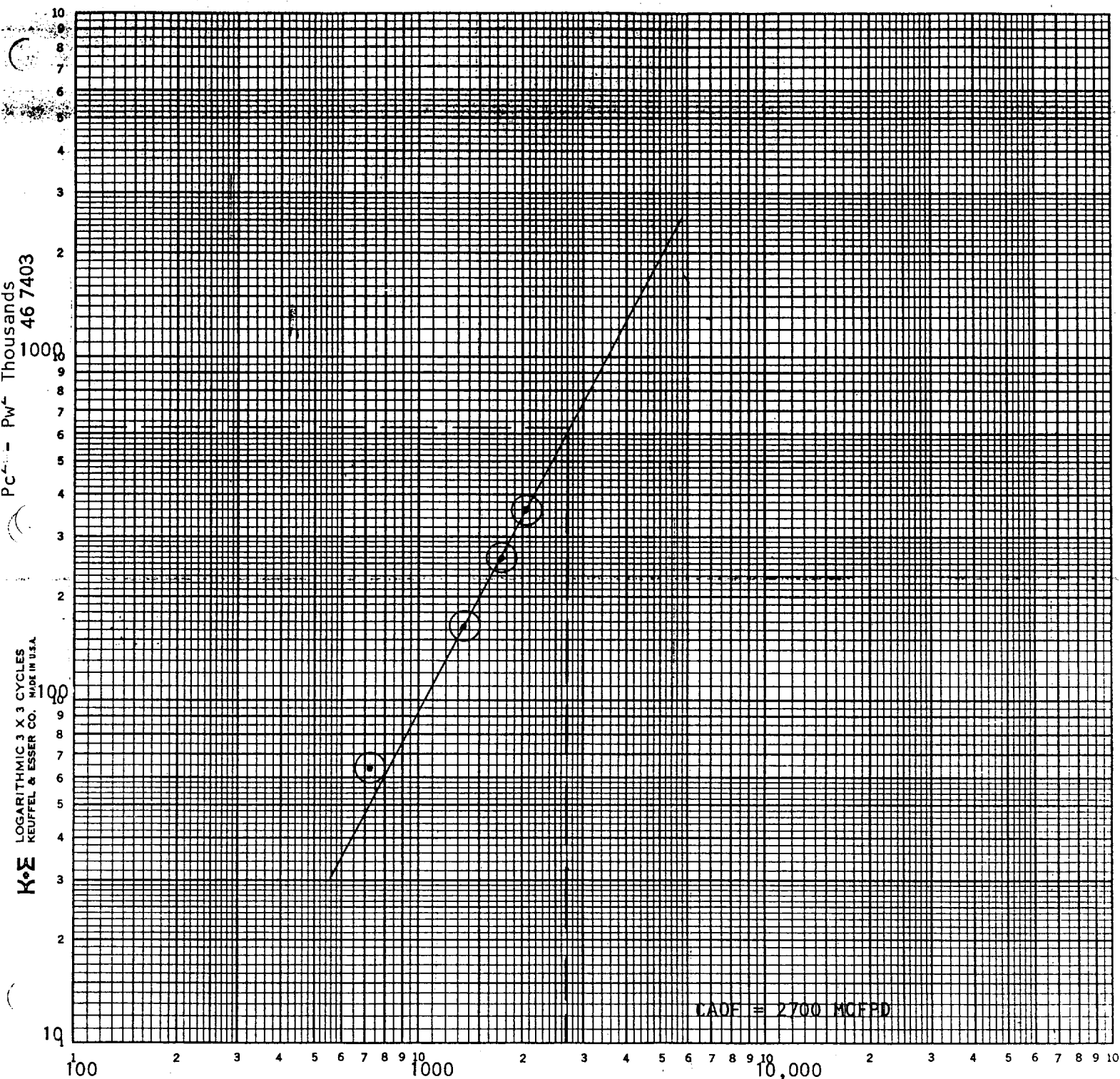


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$$N = 1/\text{Slope} = \frac{\text{Log } Q_2 - \text{Log } Q_1}{\text{Cycle}} = \frac{\text{Log } 3500 - \text{Log } 1050}{\text{Cycle}} = 3.54 - 3.02 = .52$$

$$\theta = 62.5^\circ$$