

# Viscosity Test Procedure

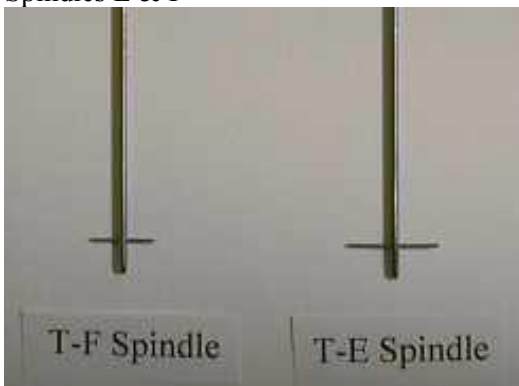
## Equipment List

Brookfield RVT Viscometer  
 Helipath Motor and Stand



T-Bar

Spindles E & F



Constant Temperature/Circulating Bath

(not pictured)

## Procedure

1. Prepare a sample of paste by filling a 2 oz. Jar (2 ¾ high X 1 ½ dia.) to approximately one half-inch from the top.
2. Stir the paste sample for one minute, tap the jar firmly on a hard surface to remove entrapped air. Cover tightly, label and place jar in constant temperature/ circulating bath maintained at 25 degrees C, +/- 0.5.
3. Let jar stand in bath exactly two hours. Remove the jar and dry thoroughly – proceed without interruption.
4. Place the T-E spindle in the chuck and tighten. Note: T-E is for viscosities less than 1000 kcPs (thousands of centipoises) and the T-F spindle is for viscosities of 1000 kcPs or greater.
5. Remove the cover from the jar and position the sample, centered, below the spindle.
6. Lower the helipath to the bottom stopper ring, approximately one-quarter inch from bottom of jar. Set the top stop to allow approximately 1-1½ inches of travel between stops. Start the motor and let the spindle rotate at 5 RPM for one full (1) cycle.
7. Four readings are taken in the next two cycles. Bottom, top, bottom, top.
8. Calculate the average viscosity measurements:
  - a. E Spindle Viscosity =  
Average of 4 readings X 10
  - b. F Spindle Viscosity =  
Average of 4 readings X 10