Monsanto Chemical Company

Anniston Method No. 14-10-48

Specific Gravity of Aroclors

The temperature at which the gravities of liquid Aroclors are taken varies with the viscosity of the liquid. Note the temperature at which the gravity is to be taken for the Aroclor under test and heat the sample to 10°C. above that temperature. Pour the hot sample into the steam or hot water jacketed hydrometer jar provided for this test. Stir well with an accurate thermometer and adjust the temperature to the desired point by controlling the steam or hot water feed to the jacket. Continue stirring until the temperature remains constant for half a minute. Allow the hydrometer to sink into the liquid, then read the hydrometer scale at the point of the lower meniscus and record with the temperature.

Report the specific gravity to the nearest 0.001 unit.

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