

| Liquid                  | Specific Gravity | Viscosity cp  | Viscos type |
|-------------------------|------------------|---------------|-------------|
| Reference - Water       | 1.00             | 1             | N           |
| <b>ADHESIVES</b>        |                  |               |             |
| Box Adhesives           | 1.00             | 3000          | T           |
| PVA                     | 1.30             | 100           | T           |
| Rubber & Solvents       | 1.00             | 15000         | N           |
| <b>BAKERY</b>           |                  |               |             |
| Batter                  | 1.00             | 2000          | T           |
| Butter, Melted          | 0.98             | 18 @ 140°F    | N           |
| Egg, Whole              | 0.50             | 60 @ 50°F     | N           |
| Emulsifier              |                  | 20            | T           |
| Frosting                | 1.00             | 10000         | T           |
| Lecithin                |                  | 3250 @ 125°F  | T           |
| Condensed Milk          | 1.30             | 10000 @ 77°F  | N           |
| Yeast Slurry 15%        | 1.00             | 180           | T           |
| <b>BEER WINE</b>        |                  |               |             |
| Beer                    | 1.00             | 1.1 @ 40°F    | N           |
| Brewers Concentrated    |                  |               |             |
| Yeast 80% solids        |                  | 16000 @ 40°F  | T           |
| Wort                    |                  |               |             |
| Wine                    | 1.00             |               |             |
| <b>CONFECTIONARY</b>    |                  |               |             |
| Caramel                 | 1.20             | 400 @ 140°F   |             |
| Chocolate               | 1.10             | 17000 @ 120°F | T           |
| Fudge, Hot              | 1.10             | 36000         | T           |
| Toffee                  | 1.20             | 87000         | T           |
| <b>COSMETICS, SOAPS</b> |                  |               |             |
| Face Cream              |                  | 10000         | T           |
| Hair gel                | 1.40             | 5000          | T           |
| Shampoo                 |                  | 5000          | T           |
| Toothpaste              |                  | 20000         | T           |
| Hand Cleanser           |                  | 2000          | T           |
| <b>DAIRY</b>            |                  |               |             |
| Cottage Cheese          | 1.08             | 225           | T           |
| Cream                   | 1.02             | 20 @ 40°F     | D           |
| Milk                    | 1.03             | 1.2 @ 60°F    | N           |
| Cheese, Process         |                  | 30000 @ 160°F | T           |
| Yoghurt                 |                  | 1100          | T           |
| <b>DETERGENTS</b>       |                  |               |             |
| Detergent Concentrate   |                  | 10            | N           |
| <b>DYES AND INKS</b>    |                  |               |             |
| Ink, Printers           | 1 to 1.38        | 10000         | T           |
| Dye                     | 1.1              | 10            | N           |
| Gum                     |                  | 5000          | T           |
| <b>FATS AND OILS</b>    |                  |               |             |
| Corn Oil                | 0.92             | 30            | N           |
| Lard                    | 0.96             | 60 @ 100°F    | N           |
| Linseed Oil             | 0.93             | 30 @ 100°F    | N           |
| Peanut Oil              | 0.92             | 42 @ 100°F    | N           |
| Soybean Oil             | 0.95             | 36 @ 100°F    | N           |
| Vegetable Oil           | 0.92             | 3 @ 300°      | N           |

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|---|------------------|-------------------|-------------|
| <b>FOODS, MISC</b>                        |                  |                   |             |
| Black Bean Paste                          |                  | 10000             | T           |
| Cream Style Corn                          |                  | 130 @ 190°F       | T           |
| Catsup - tomato sauce                     | 1.11             | 560 @ 145°        | T           |
| Pablum                                    |                  | 4500              | T           |
| Pear Pulp                                 |                  | 4000 @ 160°F      | T           |
| Potato Mashed                             | 1                | 20000             | T           |
| Prune Juice                               | 1                | 60 @ 120°F        | T           |
| Orange Juice Conc                         | 1.1              | 5000 @ 38°F       | T           |
| Tapioca Pudding                           | 7                | 1000 @ 235°F      | T           |
| Mayonnaise                                | 1                | 5000 @ 75°F       | T           |
| Tomato Paste-33%                          | 1.14             | 7000              | T           |
| Honey                                     | 1.5              | 1500 @ 100°F      | T           |
| <b>PAINT</b>                              |                  |                   |             |
| Auto Paint, Metallic                      |                  | 200               | T           |
| Solvents                                  | .8-.9            | .5 to 10          | N           |
| Titanium Dioxide slurry                   |                  | 10000             | T           |
| Varnish                                   | 1.06             | 140 @ 100°F       |             |
| Turpentine                                | 0.86             | 2 @ 60°F          |             |
| <b>PAPER &amp; TEXTILE</b>                |                  |                   |             |
| Black Liquor tar                          |                  | 2000 @ 300°F      |             |
| Paper Coating 35%                         |                  | 400               |             |
| Sulfide 6%                                |                  | 1600              |             |
| Black Liquor                              | 1.3              | 1100 @ 122°F      |             |
| Black Liquor Soap                         |                  | 7000 @ 122°F      |             |
| <b>PETROLEUM &amp; PETROLEUM PRODUCTS</b> |                  |                   |             |
| Asphalt-Unblended                         | 1.3              | 500 to 2500       |             |
| Gasoline                                  | 0.7              | 0.8 @ 60°F        | N           |
| Kerosene                                  | 0.8              | 3 @ 68°F          | N           |
| Fuel Oil #6                               | 0.9              | 660 @ 122°F       | N           |
| Auto lube oil SAE 40                      | 0.9              | 200 @ 100°F       | N           |
| Auto trans Oil SAE 90                     | 0.9              | 320 @ 100°F       | N           |
| Propane                                   | 0.46             | 0.2 @ 100°F       | N           |
| <b>PHARMACEUTICALS</b>                    |                  |                   |             |
| Castor Oil                                | 0.96             | 350               | N           |
| Cough Syrup                               | 1                | 190               | N           |
| <b>PLASTICS &amp; RESINS</b>              |                  |                   |             |
| Polyster Resin (Typ)                      | 1.4              | 3000              |             |
| PVA Resin (Typ)                           | 1.3              | 65000             | T           |
| <b>SUGAR SYRUPS</b>                       |                  |                   |             |
| Glucose                                   | 1.42             | 10000 @ 100°F     |             |
| Molasses - A                              | 1.44             | 280-5k @ 100°F    |             |
| Molasses - B                              | 1.46             | 1.4k-13k @ 100°F  |             |
| Molasses - C                              | 1.47             | 2.6k-5.5k @ 100°F |             |
| 60 Brix                                   | 1.29             | 75 @ 60°F         | N           |
| 68 Brix                                   | 1.34             | 360 @ 60°F        | N           |
| 76 Brix                                   | 1.39             | 4000 @ 60°F       | N           |

**VISCOSITY TYPE ( liquid behavior under shear or agitation )**

|             |                           |   |
|-------------|---------------------------|---|
| Newtonian   | Viscosity does not change | N |
| Thixotropic | Viscosity decreases       | T |
| Dilatant    | Viscosity increases       | D |