

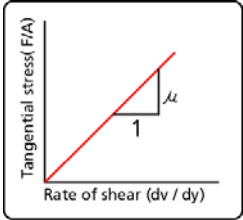
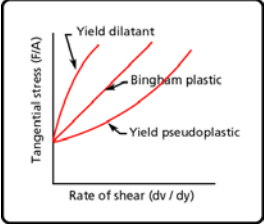
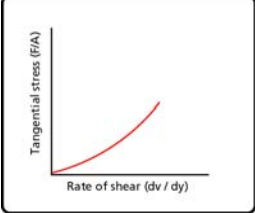
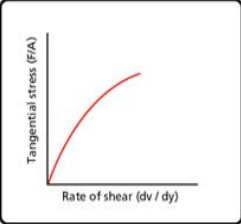
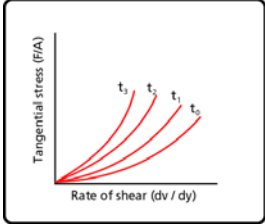
NEWTONIAN	NON NEWTONIAN				
Newtonian	Non Newtonian	Bingham plastic Yield pseudoplastic Yield dilatant	Pseudoplastic	Dilatant	Thixotropic Rheopectic
					
			Viscosity increases slowly with the rate of shear.	Viscosity increases with the rate of shear.	Thix.: viscosity decrease with time. Rheop.: viscosity increase with time.
<ul style="list-style-type: none"> <li>- water</li> <li>- high viscosity fuel</li> <li>- some motor oils</li> <li>- most mineral oils</li> <li>- gasoline</li> <li>- kerosene</li> <li>- most salt solutions in water</li> <li>- light suspensions of dye stuff</li> <li>- kaolin (clay slurry)</li> </ul>	oils containing polymeric thickeners, viscosity index improvers and waxy or soot particles	<ul style="list-style-type: none"> <li>- thermoplastic polymer solutions</li> <li>- sewage sludge's</li> <li>- digested sewage</li> <li>- clay</li> <li>- mud</li> <li>- ketchup</li> <li>- chewing gum</li> <li>- tar</li> <li>- high concentrations of asbestine in oil</li> </ul>	<ul style="list-style-type: none"> <li>- GRS latex solutions</li> <li>- sewage sludge's</li> <li>- grease</li> <li>- molasses</li> <li>- paint</li> <li>- starch</li> <li>- soap</li> <li>- most emulsions</li> <li>- printer's ink</li> <li>- paper pulp</li> </ul>	<ul style="list-style-type: none"> <li>- starch in water</li> <li>- beach sand</li> <li>- quicksand</li> <li>- feldspar</li> <li>- mica</li> <li>- clay</li> <li>- candy compounds</li> <li>- peanut butter</li> </ul>	<ul style="list-style-type: none"> <li>- most paints (thixo.)</li> <li>- silica gel</li> <li>- greases</li> <li>- inks</li> <li>- milk</li> <li>- mayonnaise</li> <li>- carboxymethyl cellulose</li> <li>- bentonite (rheop.)</li> <li>- gypsum in water</li> <li>- asphalt</li> <li>- glues</li> <li>- molasses</li> <li>- starch</li> <li>- lard</li> <li>- fruit juice concentrates</li> </ul>
<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 0 auto;"> <a href="http://www.lightmypump.com">www.lightmypump.com</a> </div>					

Table A-2 Rheological properties of fluids (see references 2, 6, 12 and 13)