**Operational Steps**

## In LMD lab we use two ways of viscosity measurement of products.

**VISCOMETER:**

Viscosity is measured on viscometer by following the below defined points;

1. Switch on the power supply of viscometer.
2. 200ml beaker is filled with material, whose viscosity is to be measured.
3. Place the beaker on the plate of viscometer.
4. Switch on the viscometer, move its head moves downward manually and immersed its spindle in paste/liquid.
5. It rotates for 30sec as per settings of viscometer.
6. Once it stops, lift its head upward manually and viscosity is noted which appeared on the LCD screen. In unit of cP, gm and Pascal.
7. Spindle is cleaned up for next test if not required then switch off the equipment.

**FORD CUP:**

Viscosity is measured by using FORD CUP in following ways;

1. Cup is filled up to top line of it with material.
2. Block its hole point at the bottom with finger until time is not started.
3. Once it is completely start the stop watch and finger from bottom is removed.
4. Time is noted in seconds during which cup is completely empty.
5. This time value reflects the viscosity of the material.

**Precautions:**

Ensure that you have put on the prescribed personal protective equipments PPEs, Eye goggles, Face mask and gloves