

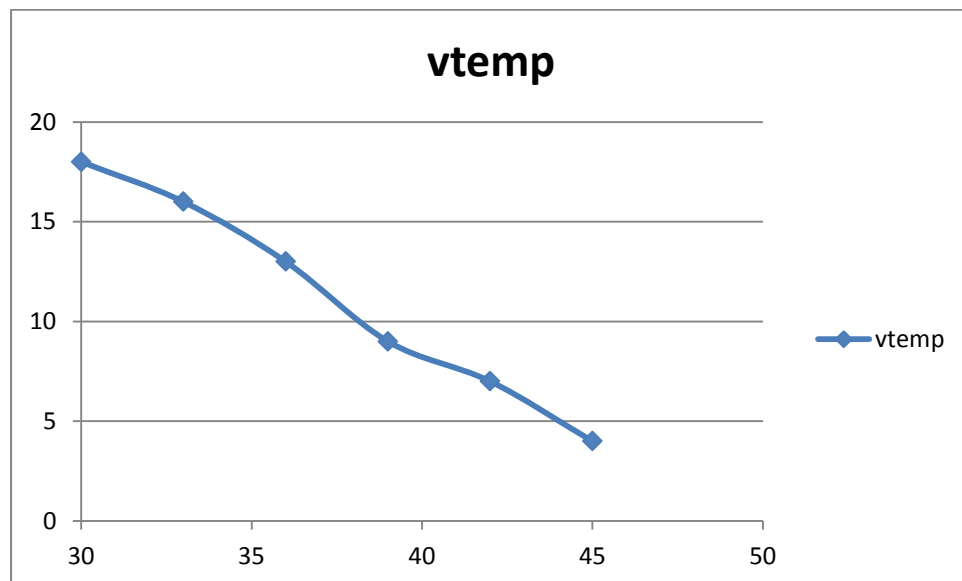
***Viscosity applications :**

Sample : lubricating oil

Theoretical Section ::

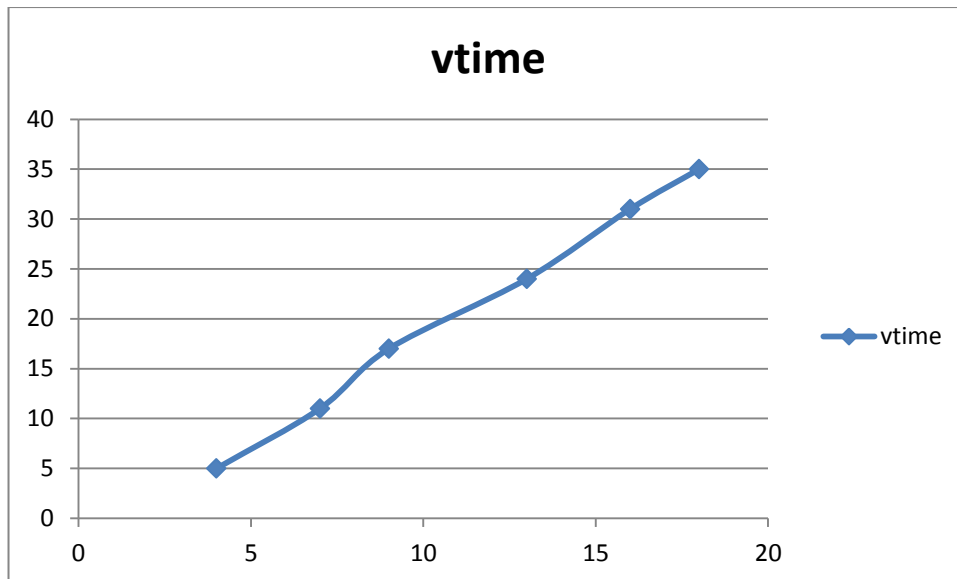
Viscosity measured at different temperatures (30,33,36,39,42,45)

Viscosity (cp)	Temperature (c)
18	30
16	33
13	36
9	39
7	42
4	45



-We measure the passage time of the oil during different temperatures :

Time (sec)	Viscosity (cp)
35	18
31	16
24	13
17	9
11	7
5	4



- In Lab :



viscometer

In the experiment we measure the time of passage of the material through different temperatures

Time (sec)	Temperature (c)
32	35
28	37
24	39
21	41
15	43

TT

