

viscous flow

ure (bars)

34	2067	3101
35	6.99	7.54
33	6.95	7.48
44	7.00	7.49
50	7.42	8.20
51	7.26	7.95
51	7.13	7.72

36	7.65	8.35
79	7.54	8.20
80	7.50	8.11

33	7.24	7.85
8	7.16	7.74
8	7.17	7.72
5	7.31	7.82

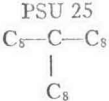
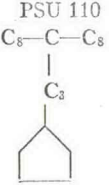
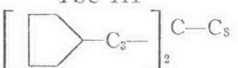
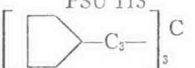
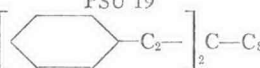
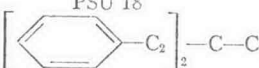
8	8.22	
5	8.03	8.81
7	7.88	8.59
8	7.90	8.57
5	8.78	
4	8.47	9.41
7	8.19	9.04
2	8.13	8.90

on 1313-21

$$\frac{\Delta H_{\pm} - T\Delta S_{\pm}}{RT}$$

(3)

TABLE VII. Values of  $\Delta H_{\pm}^{\ddagger} = R[\partial(\ln Z)/\partial(1/T)]_{\mu}$  at 71.1°C (160°F).

Density gm/cm <sup>3</sup>	$\Delta H_{\pm}^{\ddagger}$ (kcal/mole)					
	PSU 25 	PSU 110 	PSU 111 	PSU 113 	PSU 19 	PSU 18 
0.790	2.23	2.13				
0.800	2.57					
0.810	2.60	2.13				
0.820	3.08	2.35				
0.830	3.25	2.43				
0.840	3.70	2.51			2.66	
0.850	3.92	2.98	2.62		3.03	
0.860	4.43	3.32	2.76		3.41	
0.870	4.70	3.74	2.97	2.98	3.96	
0.880	5.06	4.13	3.12	3.39	4.30	
0.890		4.36	3.60	3.92	4.83	
0.900		4.60	4.11	4.12	5.24	
0.910			4.26	4.64	6.01	2.99
0.920			4.70	5.23	6.34	3.36
0.930			5.09	5.61	7.12	3.53
0.940				6.11		4.00
0.950				6.57		4.03
0.960				7.01		4.69
0.970						5.30
0.980						5.93
0.990						6.50