

TABLE 2.—EXPERIMENTAL VISCOSITIES OF LIQUIDS UNDER PRESSURE

Liquid	Pressure/kg cm ⁻²	absolute viscosity/cP		
		$T/^{\circ}\text{C}$ $P_{\text{max}}/\text{kg cm}^{-2}$	30 890	40 1260
benzene	1		0.561	0.491
	250		0.692	0.607
	500		0.838	0.733
	750		1.000	0.875
	1000		1.102 (900)	1.031
	1250			1.204
	1500			1.211
	1750			1.388
carbon tetrachloride	1		0.843	0.745
	250		1.054	0.932
	500		1.290	1.143
	750		1.553	1.375
	1000		1.843	1.626
	1250		2.161	1.892
	1500			2.173
	1750			2.465
cyclohexane	1		0.819	0.760
	100		0.924	0.857
	200		1.038	0.962
	300		1.162	1.072
	400		1.228 (350)	1.191
	600			1.130
	800			1.374
n-pentane	1		0.215	0.179
	500		0.332	0.275
	1000		0.450	0.371
	1500		0.578	0.470
	2000		0.725	0.578
	3000		1.075	0.848
	4000		1.515	1.196
	5000		2.080	1.646
	6000		2.784	
	7000		3.681	
isopentane	1		0.205	0.174
	500		0.327	0.279
	1000		0.454	0.391
	1500		0.593	0.510
	2000		0.745	0.635
	2500		0.917	
	3000		1.109	