

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	50 1755
benzene	1		0.561	0.491	0.434
	250		0.692	0.607	0.537
	500		0.838	0.733	0.650
	750		1.000	0.875	0.774
	1000		1.102 (900)	1.031	0.905
	1250			1.204	1.051
	1500				1.211
	1750				1.388
carbon tetrachloride	1	$T/^{\circ}\text{C}$ $P_{\text{max}}/\text{kg cm}^{-2}$	30 1350	38.4 1750	50 1860
	250		0.843	0.745	0.649
	500		1.054	0.932	0.823
	750		1.290	1.143	1.012
	1000		1.553	1.375	1.217
	1250		1.843	1.626	1.434
	1500		2.161	1.892	1.668
	1750			2.173	1.911
cyclohexane	1	$T/^{\circ}\text{C}$ $P_{\text{max}}/\text{kg cm}^{-2}$	30 340	34 420	50 870
	100		0.819	0.760	0.605
	200		0.924	0.857	0.675
	300		1.038	0.962	0.751
	400		1.162	1.072	0.833
	600		1.228 (350)	1.191	0.923
	800				1.130
					1.374
n-pentane	1	$T/^{\circ}\text{C}$ $P_{\text{max}}/\text{kg cm}^{-2}$	30 7110		50 5200
	500		0.215		0.179
	1000		0.332		0.275
	1500		0.450		0.371
	2000		0.578		0.470
	3000		0.725		0.578
	4000		1.075		0.848
	5000		1.515		1.196
	6000		2.080		1.646
7000		2.784			
isopentane	1	$T/^{\circ}\text{C}$ $P_{\text{max}}/\text{kg cm}^{-2}$	30 3130		50 2100
	500		0.205		0.174
	1000		0.327		0.279
	1500		0.454		0.391
	2000		0.593		0.510
	2500		0.745		0.635
	3000		0.917		
		1.109			