

TABLE II.—Continued.

Pressure (bars) <sup>a</sup>	Specific volume cc/g					
	37.8°C	60.0°	79.4°	98.9°	115.0°	135.0°
PSU 110, 9(3-cyclopentylpropyl)heptadecane						
7235.6				1.0308	1.0348	1.0398
7580.1				1.0256	1.0297	1.0344
7924.6				1.0207	1.0248	1.0293
8269.2				1.0161	1.0200	1.0245
8613.8				1.0113	1.0154	1.0199
8958.3				1.0070	1.0108	1.0150
9302.8				1.0029	1.0064	1.0104
9647.4				0.9990	1.0023	1.0057
9992.0				0.9952	0.9980	1.0017
10336.5				0.9916	0.9937	0.9976
PSU 111, 1-cyclopentyl-4(3-cyclopentylpropyl)dodecane						
atmos- pheric	1.1808	1.2013	1.2207	1.2399	1.2563	1.2771
344.6	1.1554	1.1719	1.1898	1.2052	1.2169	1.2356
689.1	1.1365	1.1506	1.1665	1.1797	1.1892	1.2057
1033.6	1.1214	1.1331	1.1474	1.1591	1.1669	1.1816
1378.2	1.1073	1.1181	1.1316	1.1422	1.1489	1.1630
1722.8	1.0949	1.1050	1.1179	1.1273	1.1336	1.1464
2067.3	1.0834	1.0933	1.1060	1.1145	1.1199	1.1320
2411.8	1.0726	1.0825	1.0949	1.1033	1.1079	1.1191
2756.4	1.0628	1.0724	1.0847	1.0925	1.0971	1.1073
3101.0	1.0537	1.0631	1.0751	1.0829	1.0873	1.0965
3445.5	1.0453	1.0545	1.0661	1.0736	1.0775	1.0864
3790.0	1.0379	1.0463	1.0575	1.0645	1.0688	1.0776
4134.6	1.0310	1.0382	1.0499	1.0561	1.0605	1.0690
4479.2	1.0245	1.0313	1.0427	1.0484	1.0526	1.0613
4823.7	1.0183	1.0248	1.0357	1.0412	1.0453	1.0538
5168.2	1.0125	1.0188	1.0286	1.0347	1.0383	1.0468
5512.8	1.0068	1.0131	1.0223	1.0287	1.0321	1.0399
5857.4		1.0078	1.0166	1.0228	1.0259	1.0339
6201.9		1.0028	1.0113	1.0168	1.0202	1.0284
6546.4		0.9980	1.0063	1.0115	1.0149	1.0229
6891.0		0.9930	1.0013	1.0065	1.0099	1.0172
7235.6		0.9884	0.9967	1.0017	1.0051	1.0119
7580.1			0.9922	0.9969	0.9998	1.0071
7924.6				0.9924	0.9948	1.0022
8269.2				0.9877	0.9901	0.9977
8613.8				0.9835	0.9857	0.9931
8958.3				0.9793	0.9810	0.9891
9302.8				0.9753	0.9767	0.9850
9647.4				0.9712	0.9724	0.9812
9992.0				0.9674	0.9685	0.9776
10336.5				0.9635	0.9644	0.9740
PSU 113, 1,7-dicyclopentyl-4(3-cyclopentylpropyl)heptane						
atmos- pheric	1.3224	1.3499	1.3751	1.4015	1.4263	1.4575
344.6	1.2872	1.3098	1.3289	1.3488	1.3678	1.3906
689.1	1.2594	1.2803	1.2961	1.3132	1.3295	1.3484
1033.6		1.2560	1.2703	1.2854	1.2997	1.3158
1378.2		1.2360	1.2487	1.2626	1.2754	1.2894
1722.8		1.2185	1.2298	1.2429	1.2550	1.2677
2067.3			1.2138	1.2260	1.2375	1.2496
2411.8			1.1996	1.2112	1.2219	1.2341
2756.4			1.1873	1.1983	1.2082	1.2202
3101.0				1.1866	1.1962	1.2077
3445.5				1.1757	1.1853	1.1961
PSU 113, 1,7-dicyclopentyl-4(3-cyclopentylpropyl)heptane						
3790.0		1.0161	1.0242	1.0301	1.0355	1.0437
4134.6			1.0175	1.0227	1.0281	1.0358
4479.2			1.0109	1.0158	1.0209	1.0285
4823.7			1.0044	1.0094	1.0143	1.0213
5168.2			0.9982	1.0033	1.0081	1.0146
5512.8			0.9923	0.9974	1.0023	1.0087
5857.4			0.9868	0.9919	0.9966	1.0028
6201.9				0.9864	0.9910	0.9974
6546.4				0.9814	0.9856	0.9921
6891.0				0.9766	0.9805	0.9874
7235.6				0.9718	0.9755	0.9826
7580.1				0.9671	0.9708	0.9781
7924.6					0.9662	0.9738
8269.2					0.9617	0.9692
8613.8					0.9574	0.9647
8958.3						0.9603
9302.8						0.9563
9647.4						0.9522
9992.0						0.9481
10336.5						0.9443
PSU 528, n-dodecane						
atmos- pheric	1.3587	1.3900	1.4180	1.4478	1.4745	1.5103
344.6	1.3160	1.3430	1.3632	1.3861	1.4072	1.4318
689.1	1.2858	1.3102	1.3273	1.3484	1.3675	1.3860
1033.6	1.2619	1.2833	1.2995	1.3184	1.3361	1.3525
1378.2	1.2425	1.2617	1.2767	1.2933	1.3102	1.3257
1722.8		1.2436	1.2573	1.2726	1.2883	1.3032
2067.3		1.2280	1.2403	1.2556	1.2699	1.2847
2411.8		1.2139	1.2256	1.2406	1.2539	1.2685
2756.4			1.2125	1.2269	1.2397	1.2539
3101.0			1.2006	1.2142	1.2272	1.2404
3445.5			1.1894	1.2027	1.2160	1.2283
3790.0				1.1922	1.2054	1.2174
4134.6				1.1827	1.1952	1.2072
4479.0				1.1738	1.1856	1.1975
4823.7				1.1655	1.1769	1.1883
5168.2					1.1686	1.1799
5512.8					1.1606	1.1720
5857.4					1.1528	1.1648
6201.9						1.1579
6546.4						1.1513
6891.0						1.1449
PSU 532, n-pentadecane						
atmos- pheric	1.3224	1.3499	1.3751	1.4015	1.4263	1.4575
344.6	1.2872	1.3098	1.3289	1.3488	1.3678	1.3906
689.1	1.2594	1.2803	1.2961	1.3132	1.3295	1.3484
1033.6		1.2560	1.2703	1.2854	1.2997	1.3158
1378.2		1.2360	1.2487	1.2626	1.2754	1.2894
1722.8		1.2185	1.2298	1.2429	1.2550	1.2677
2067.3			1.2138	1.2260	1.2375	1.2496
2411.8			1.1996	1.2112	1.2219	1.2341
2756.4			1.1873	1.1983	1.2082	1.2202
3101.0				1.1866	1.1962	1.2077
3445.5				1.1757	1.1853	1.1961
PSU 113, 1,7-dicyclopentyl-4(3-cyclopentylpropyl)heptane						
atmos- pheric	1.1397	1.1581	1.1758	1.1934	1.2084	1.2277
344.6	1.1178	1.1331	1.1477	1.1610	1.1748	1.1899
689.1	1.0999	1.1140	1.1272	1.1377	1.1489	1.1623
1033.6	1.0849	1.0983	1.1099	1.1189	1.1287	1.1407
1378.2	1.0710	1.0840	1.0949	1.1032	1.1124	1.1238
1722.8	1.0591	1.0713	1.0818	1.0891	1.0976	1.1085
2067.3	1.0484	1.0598	1.0696	1.0769	1.0845	1.0948
2411.8	1.0386	1.0495	1.0586	1.0654	1.0730	1.0822
2756.4	1.0298	1.0405	1.0491	1.0552	1.0625	1.0708
3101.0		1.0319	1.0398	1.0459	1.0527	1.0607
3445.5		1.0235	1.0317	1.0378	1.0441	1.0521