

2: butane/propane: Bubble Point. T=0, to 90, °C

	Temperature (°C)	Pressure (MPa)	Liquid Phase Density (kg/m ³)	Vapor Phase Density (kg/m ³)	Liquid Phase Enthalpy (kJ/kg)	Vapor Phase Enthalpy (kJ/kg)	Liquid Phase Entropy (kJ/kg-K)
1	0,00000	0,34444	557,11	7,5668	200,00	579,85	1,0000
2	5,0000	0,40092	550,83	8,7526	212,19	585,93	1,0439
3	10,000	0,46400	544,41	10,078	224,55	591,96	1,0875
4	15,000	0,53411	537,85	11,556	237,08	597,94	1,1309
5	20,000	0,61171	531,13	13,199	249,80	603,85	1,1742
6	25,000	0,69726	524,24	15,024	262,70	609,69	1,2173
7	30,000	0,79120	517,16	17,048	275,81	615,43	1,2602
8	35,000	0,89401	509,89	19,291	289,12	621,07	1,3032
9	40,000	1,0061	502,40	21,774	302,66	626,59	1,3460
10	45,000	1,1281	494,66	24,525	316,43	631,96	1,3889
11	50,000	1,2603	486,66	27,573	330,44	637,18	1,4317
12	55,000	1,4033	478,37	30,955	344,73	642,20	1,4747
13	60,000	1,5576	469,73	34,716	359,30	647,00	1,5178
14	65,000	1,7236	460,70	38,909	374,18	651,53	1,5610
15	70,000	1,9019	451,23	43,601	389,42	655,75	1,6046
16	75,000	2,0931	441,20	48,879	405,04	659,60	1,6486
17	80,000	2,2975	430,52	54,857	421,11	662,98	1,6931
18	85,000	2,5158	419,02	61,688	437,72	665,80	1,7383
19	90,000	2,7484	406,46	69,590	454,96	667,91	1,7846

**Vapor Phase
Entropy
(kJ/kg-K)**

1	2,3636
2	2,3612
3	2,3594
4	2,3583
5	2,3577
6	2,3575
7	2,3578
8	2,3584
9	2,3593
10	2,3603
11	2,3614
12	2,3626
13	2,3636
14	2,3644
15	2,3649
16	2,3649
17	2,3641
18	2,3624
19	2,3593