



### Thermodynamic Properties of Forane® 22 - Saturation

Saturation Temperature (°F)	Pressure (psia)	Liquid Density (lb/ft <sup>3</sup> )	Vapor Density (lb/ft <sup>3</sup> )	Liquid Enthalpy (BTU/lb)	Vapor Enthalpy (BTU/lb)	Liquid Entropy (BTU/lb °R)	Vapor Entropy (BTU/lb °R)
-50	11.67	89.01	0.237	-2.5	99.1	-0.006	0.242
-45	13.35	88.51	0.268	-1.3	99.7	-0.003	0.240
-40	15.22	88.01	0.303	0.0	100.3	0.000	0.239
-35	17.28	87.50	0.342	1.3	100.8	0.003	0.237
-30	19.57	86.99	0.384	2.6	101.4	0.006	0.236
-25	22.08	86.48	0.430	3.8	101.9	0.009	0.235
-20	24.84	85.96	0.480	5.1	102.4	0.012	0.233
-15	27.86	85.43	0.535	6.4	103.0	0.015	0.232
-10	31.15	84.90	0.594	7.8	103.5	0.018	0.231
-5	34.74	84.37	0.659	9.1	104.0	0.021	0.229
0	38.64	83.83	0.728	10.4	104.5	0.024	0.228
5	42.87	83.28	0.804	11.8	105.0	0.027	0.227
10	47.45	82.73	0.885	13.1	105.5	0.029	0.226
15	52.39	82.17	0.973	14.5	106.0	0.032	0.225
20	57.71	81.60	1.068	15.9	106.4	0.035	0.224
25	63.43	81.03	1.169	17.3	106.9	0.038	0.223
30	69.57	80.44	1.278	18.6	107.3	0.041	0.222
35	76.15	79.85	1.395	20.1	107.8	0.044	0.221
40	83.19	79.26	1.520	21.5	108.2	0.046	0.220
45	90.70	78.65	1.654	22.9	108.6	0.049	0.219
50	98.71	78.04	1.798	24.3	109.0	0.052	0.218
55	107.23	77.41	1.951	25.8	109.4	0.055	0.217
60	116.29	76.77	2.115	27.2	109.8	0.058	0.216
65	125.90	76.13	2.290	28.7	110.1	0.060	0.216
70	136.10	75.47	2.476	30.2	110.5	0.063	0.215
75	146.89	74.80	2.675	31.7	110.8	0.066	0.214
80	158.30	74.12	2.888	33.2	111.1	0.069	0.213
85	170.35	73.42	3.114	34.7	111.4	0.071	0.212
90	183.06	72.71	3.356	36.2	111.7	0.074	0.211
95	196.46	71.98	3.614	37.8	112.0	0.077	0.211
100	210.57	71.24	3.890	39.4	112.2	0.080	0.210
105	225.41	70.47	4.184	40.9	112.4	0.082	0.209
110	241.01	69.69	4.499	42.5	112.6	0.085	0.208
115	257.38	68.89	4.836	44.2	112.8	0.088	0.207
120	274.56	68.06	5.197	45.8	112.9	0.091	0.206
125	292.58	67.20	5.584	47.5	113.0	0.093	0.205
130	311.45	66.31	6.001	49.2	113.1	0.096	0.205
135	331.22	65.40	6.450	50.9	113.1	0.099	0.204
140	351.90	64.44	6.935	52.7	113.1	0.102	0.203
145	373.53	63.45	7.460	54.5	113.0	0.105	0.202
150	396.15	62.40	8.032	56.3	112.9	0.108	0.201