

**Table II**  
**Thermodynamic Properties of**  
**Saturated Ammonia\* by Pressure**

Pressure (psia)	Temperature (F)	Specific Volume (cu. ft. per lb.)		Enthalpy of Liquid (btu per lb)	Latent Heat of Evaporation	Enthalpy of Vapor (btu per lb)	Entropy (btu lb. per F)		Density (Lb. per Cu. Ft)	
		Liquid	Vapor				Liquid	Vapor	Liquid	Vapor
5	(63.11)	0.02271	49.31	(102.4)	612.8	(102.4)	(0.2307)	1.3149	44.03	0.02029
10	(41.34)	0.02319	25.81	(79.3)	598.5	(79.3)	(0.1742)	1.2568	43.122	0.03874
15	(27.29)	0.02354	17.67	(64.3)	588.8	(64.3)	(0.1390)	1.2230	42.48	0.05658
20	(16.64)	0.02377	13.50	(52.9)	581.2	(52.9)	(0.1130)	1.1992	42.06	0.07405
30	(0.57)	0.02416	9.236	(35.6)	569.3	(35.6)	(0.0746)	1.1656	41.39	0.1083
40	11.66	0.02449	7.047	(22.3)	559.8	(22.3)	(0.0462)	1.1417	40.83	0.1419
50	21.67	0.02478	5.710	(11.4)	551.7	(11.4)	(0.0233)	1.1231	40.36	0.1751
75	41.13	0.02536	3.887	10.1	535.2	10.1	0.0202	1.0891	39.43	0.2573
100	56.05	0.02583	2.952	26.8	521.8	26.8	0.0529	1.0648	38.71	0.3388
125	68.31	0.02625	2.381	40.7	510.2	40.7	0.0792	1.0458	38.10	0.42
150	78.81	0.02663	1.994	52.7	499.9	52.7	0.1016	1.0301	37.55	0.5016
200	96.34	0.02732	1.502	73.0	481.8	73.0	0.1382	1.0048	36.60	0.6656
250	110.80	0.02793	1.202	90.1	465.8	90.1	0.1680	0.9847	35.80	0.8319
300	123.21	0.02852	0.999	105.0	451.1	105.0	0.1934	0.9675	35.06	1.0015

\*Data from Bureau of Standards Circular No. 142

Base temperature: 32 F