



Measurement
Canada

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Mesures
Canada

Un organisme
d'Industrie Canada

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Density at 15 °C = 710 kg/m³ (table 54B)

Refer to bulletin V-18 for more information on product classes.

Volume correction factors to 15 °C for use with all grades of aviation gasoline, avgas-80, avgas-100										
Temperature °C	0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
-40	1.0700									
-39	1.0688	1.0689	1.0690	1.0691	1.0693	1.0694	1.0695	1.0696	1.0698	1.0699
-38	1.0675	1.0677	1.0678	1.0679	1.0680	1.0681	1.0683	1.0684	1.0685	1.0686
-37	1.0663	1.0664	1.0665	1.0667	1.0668	1.0669	1.0670	1.0672	1.0673	1.0674
-36	1.0650	1.0652	1.0653	1.0654	1.0655	1.0657	1.0658	1.0659	1.0660	1.0662
-35	1.0638	1.0639	1.0641	1.0642	1.0643	1.0644	1.0646	1.0647	1.0648	1.0649
-34	1.0626	1.0627	1.0628	1.0629	1.0631	1.0632	1.0633	1.0634	1.0636	1.0637
-33	1.0613	1.0614	1.0616	1.0617	1.0618	1.0619	1.0621	1.0622	1.0623	1.0624
-32	1.0601	1.0602	1.0603	1.0604	1.0606	1.0607	1.0608	1.0609	1.0611	1.0612
-31	1.0588	1.0589	1.0591	1.0592	1.0593	1.0594	1.0596	1.0597	1.0598	1.0599
-30	1.0576	1.0577	1.0578	1.0579	1.0581	1.0582	1.0583	1.0584	1.0586	1.0587
-29	1.0563	1.0564	1.0566	1.0567	1.0568	1.0569	1.0571	1.0572	1.0573	1.0574
-28	1.0551	1.0552	1.0553	1.0554	1.0556	1.0557	1.0558	1.0559	1.0561	1.0562
-27	1.0538	1.0539	1.0541	1.0542	1.0543	1.0544	1.0546	1.0547	1.0548	1.0549
-26	1.0526	1.0527	1.0528	1.0529	1.0531	1.0532	1.0533	1.0534	1.0536	1.0537
-25	1.0513	1.0514	1.0516	1.0517	1.0518	1.0519	1.0521	1.0522	1.0523	1.0524
-24	1.0500	1.0502	1.0503	1.0504	1.0505	1.0507	1.0508	1.0509	1.0510	1.0512
-23	1.0488	1.0489	1.0490	1.0492	1.0493	1.0494	1.0495	1.0497	1.0498	1.0499

Volume correction factors to 15 °C for use with all grades of aviation gasoline, avgas-80, avgas-100										
Temperature °C	0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
-22	1.0475	1.0476	1.0478	1.0479	1.0480	1.0482	1.0483	1.0484	1.0485	1.0487
-21	1.0463	1.0464	1.0465	1.0466	1.0468	1.0469	1.0470	1.0471	1.0473	1.0474
-20	1.0450	1.0451	1.0452	1.0454	1.0455	1.0456	1.0458	1.0459	1.0460	1.0461
-19	1.0437	1.0439	1.0440	1.0441	1.0442	1.0444	1.0445	1.0446	1.0447	1.0449
-18	1.0425	1.0426	1.0427	1.0428	1.0430	1.0431	1.0432	1.0434	1.0435	1.0436
-17	1.0412	1.0413	1.0415	1.0416	1.0417	1.0418	1.0420	1.0421	1.0422	1.0423
-16	1.0399	1.0401	1.0402	1.0403	1.0404	1.0406	1.0407	1.0408	1.0409	1.0411
-15	1.0387	1.0388	1.0389	1.0390	1.0392	1.0393	1.0394	1.0395	1.0397	1.0398
-14	1.0374	1.0375	1.0376	1.0378	1.0379	1.0380	1.0381	1.0383	1.0384	1.0385
-13	1.0361	1.0362	1.0364	1.0365	1.0366	1.0368	1.0369	1.0370	1.0371	1.0373
-12	1.0348	1.0350	1.0351	1.0352	1.0353	1.0355	1.0356	1.0357	1.0359	1.0360
-11	1.0336	1.0337	1.0338	1.0339	1.0341	1.0342	1.0343	1.0345	1.0346	1.0347
-10	1.0323	1.0324	1.0325	1.0327	1.0328	1.0329	1.0331	1.0332	1.0333	1.0334
-9	1.0310	1.0311	1.0313	1.0314	1.0315	1.0316	1.0318	1.0319	1.0320	1.0322
-8	1.0297	1.0299	1.0300	1.0301	1.0302	1.0304	1.0305	1.0306	1.0308	1.0309
-7	1.0285	1.0286	1.0287	1.0288	1.0290	1.0291	1.0292	1.0293	1.0295	1.0296
-6	1.0272	1.0273	1.0274	1.0276	1.0277	1.0278	1.0279	1.0281	1.0282	1.0283
-5	1.0259	1.0260	1.0261	1.0263	1.0264	1.0265	1.0267	1.0268	1.0269	1.0270
-4	1.0246	1.0247	1.0249	1.0250	1.0251	1.0252	1.0254	1.0255	1.0256	1.0258
-3	1.0233	1.0234	1.0236	1.0237	1.0238	1.0240	1.0241	1.0242	1.0243	1.0245
-2	1.0220	1.0222	1.0223	1.0224	1.0225	1.0227	1.0228	1.0229	1.0231	1.0232

Volume correction factors to 15 °C for use with all grades of aviation gasoline, avgas-80, avgas-100										
Temperature °C	0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
-1	1.0207	1.0209	1.0210	1.0211	1.0213	1.0214	1.0215	1.0216	1.0218	1.0219
0	1.0195	1.0196	1.0197	1.0198	1.0200	1.0201	1.0202	1.0204	1.0205	1.0206
0	1.0195	1.0193	1.0192	1.0191	1.0189	1.0188	1.0187	1.0186	1.0184	1.0183
1	1.0182	1.0180	1.0179	1.0178	1.0177	1.0175	1.0174	1.0173	1.0171	1.0170
2	1.0169	1.0167	1.0166	1.0165	1.0164	1.0162	1.0161	1.0160	1.0158	1.0157
3	1.0156	1.0155	1.0153	1.0152	1.0151	1.0149	1.0148	1.0147	1.0146	1.0144
4	1.0143	1.0142	1.0140	1.0139	1.0138	1.0136	1.0135	1.0134	1.0133	1.0131
5	1.0130	1.0129	1.0127	1.0126	1.0125	1.0124	1.0122	1.0121	1.0120	1.0118
6	1.0117	1.0116	1.0114	1.0113	1.0112	1.0111	1.0109	1.0108	1.0107	1.0105
7	1.0104	1.0103	1.0101	1.0100	1.0099	1.0098	1.0096	1.0095	1.0094	1.0092
8	1.0091	1.0090	1.0089	1.0087	1.0086	1.0085	1.0083	1.0082	1.0081	1.0079
9	1.0078	1.0077	1.0076	1.0074	1.0073	1.0072	1.0070	1.0069	1.0068	1.0066
10	1.0065	1.0064	1.0063	1.0061	1.0060	1.0059	1.0057	1.0056	1.0055	1.0053
11	1.0052	1.0051	1.0050	1.0048	1.0047	1.0046	1.0044	1.0043	1.0042	1.0040
12	1.0039	1.0038	1.0037	1.0035	1.0034	1.0033	1.0031	1.0030	1.0029	1.0027
13	1.0026	1.0025	1.0023	1.0022	1.0021	1.0020	1.0018	1.0017	1.0016	1.0014
14	1.0013	1.0012	1.0010	1.0009	1.0008	1.0007	1.0005	1.0004	1.0003	1.0001
15	1.0000	0.9999	0.9997	0.9996	0.9995	0.9993	0.9992	0.9991	0.9990	0.9988
16	0.9987	0.9986	0.9984	0.9983	0.9982	0.9980	0.9979	0.9978	0.9976	0.9975
17	0.9974	0.9973	0.9971	0.9970	0.9969	0.9967	0.9966	0.9965	0.9963	0.9962
18	0.9961	0.9959	0.9958	0.9957	0.9956	0.9954	0.9953	0.9952	0.9950	0.9949

Volume correction factors to 15 °C for use with all grades of aviation gasoline, avgas-80, avgas-100										
Temperature °C	0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
19	0.9948	0.9946	0.9945	0.9944	0.9942	0.9941	0.9940	0.9939	0.9937	0.9936
20	0.9935	0.9933	0.9932	0.9931	0.9929	0.9928	0.9927	0.9925	0.9924	0.9923
21	0.9922	0.9920	0.9919	0.9918	0.9916	0.9915	0.9914	0.9912	0.9911	0.9910
22	0.9908	0.9907	0.9906	0.9904	0.9903	0.9902	0.9901	0.9899	0.9898	0.9897
23	0.9895	0.9894	0.9893	0.9891	0.9890	0.9889	0.9887	0.9886	0.9885	0.9883
24	0.9882	0.9881	0.9879	0.9878	0.9877	0.9876	0.9874	0.9873	0.9872	0.9870
25	0.9869	0.9868	0.9866	0.9865	0.9864	0.9862	0.9861	0.9860	0.9858	0.9857
26	0.9856	0.9855	0.9853	0.9852	0.9851	0.9849	0.9848	0.9847	0.9845	0.9844
27	0.9843	0.9841	0.9840	0.9839	0.9837	0.9836	0.9835	0.9833	0.9832	0.9831
28	0.9829	0.9828	0.9827	0.9826	0.9824	0.9823	0.9822	0.9820	0.9819	0.9818
29	0.9816	0.9815	0.9814	0.9812	0.9811	0.9810	0.9808	0.9807	0.9806	0.9804
30	0.9803	0.9802	0.9800	0.9799	0.9798	0.9797	0.9795	0.9794	0.9793	0.9791
31	0.9790	0.9789	0.9787	0.9786	0.9785	0.9783	0.9782	0.9781	0.9779	0.9778
32	0.9777	0.9775	0.9774	0.9773	0.9771	0.9770	0.9769	0.9767	0.9766	0.9765
33	0.9763	0.9762	0.9761	0.9760	0.9758	0.9757	0.9756	0.9754	0.9753	0.9752
34	0.9750	0.9749	0.9748	0.9746	0.9745	0.9744	0.9742	0.9741	0.9740	0.9738
35	0.9737	0.9736	0.9734	0.9733	0.9732	0.9730	0.9729	0.9728	0.9726	0.9725
36	0.9724	0.9722	0.9721	0.9720	0.9718	0.9717	0.9716	0.9715	0.9713	0.9712
37	0.9711	0.9709	0.9708	0.9707	0.9705	0.9704	0.9703	0.9701	0.9700	0.9699
38	0.9697	0.9696	0.9695	0.9693	0.9692	0.9691	0.9689	0.9688	0.9687	0.9685
39	0.9684	0.9683	0.9681	0.9680	0.9679	0.9677	0.9676	0.9675	0.9673	0.9672

Volume correction factors to 15 °C for use with all grades of aviation gasoline, avgas-80, avgas-100										
Temperature °C	0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
40	0.9671									

Density at 15 °C = 710 kg/m³

Values calculated as per API Standard 2540, Chapter 11.1, Volume X (1993)

To obtain the net volume of liquid at 15 °C, multiply the uncompensated meter reading by the volume correction factor (VCF) which corresponds to the average measured temperature of the liquid during the delivery.