



Measurement  
Canada

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Mesures  
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d'Industrie Canada

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Density at 15 °C = 800 kg/m<sup>3</sup> (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 Jet A, Jet-A1, jet kerosene, turbine fuel										
Temperature °C	0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
-40	1.0502									
-39	1.0493	1.0494	1.0495	1.0496	1.0497	1.0498	1.0499	1.0500	1.0500	1.0501
-38	1.0484	1.0485	1.0486	1.0487	1.0488	1.0489	1.0490	1.0491	1.0492	1.0492
-37	1.0475	1.0476	1.0477	1.0478	1.0479	1.0480	1.0481	1.0482	1.0483	1.0483
-36	1.0466	1.0467	1.0468	1.0469	1.0470	1.0471	1.0472	1.0473	1.0474	1.0474
-35	1.0457	1.0458	1.0459	1.0460	1.0461	1.0462	1.0463	1.0464	1.0465	1.0465
-34	1.0448	1.0449	1.0450	1.0451	1.0452	1.0453	1.0454	1.0455	1.0456	1.0456
-33	1.0439	1.0440	1.0441	1.0442	1.0443	1.0444	1.0445	1.0446	1.0447	1.0447
-32	1.0430	1.0431	1.0432	1.0433	1.0434	1.0435	1.0436	1.0437	1.0438	1.0438
-31	1.0421	1.0422	1.0423	1.0424	1.0425	1.0426	1.0427	1.0428	1.0429	1.0429
-30	1.0412	1.0413	1.0414	1.0415	1.0416	1.0417	1.0418	1.0419	1.0420	1.0420
-29	1.0403	1.0404	1.0405	1.0406	1.0407	1.0408	1.0409	1.0410	1.0411	1.0411
-28	1.0394	1.0395	1.0396	1.0397	1.0398	1.0399	1.0400	1.0401	1.0402	1.0402
-27	1.0385	1.0386	1.0387	1.0388	1.0389	1.0390	1.0391	1.0392	1.0392	1.0393
-26	1.0376	1.0377	1.0378	1.0379	1.0380	1.0381	1.0382	1.0383	1.0383	1.0384
-25	1.0367	1.0368	1.0369	1.0370	1.0371	1.0372	1.0373	1.0373	1.0374	1.0375
-24	1.0358	1.0359	1.0360	1.0361	1.0362	1.0363	1.0364	1.0364	1.0365	1.0366

<b>Volume correction factors to 15 °C for use with all grades of Jet A, Jet-A1, jet kerosene, turbine fuel</b>										
Temperature °C	0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
-23	1.0349	1.0350	1.0351	1.0352	1.0353	1.0354	1.0354	1.0355	1.0356	1.0357
-22	1.0340	1.0341	1.0342	1.0343	1.0344	1.0344	1.0345	1.0346	1.0347	1.0348
-21	1.0331	1.0332	1.0333	1.0334	1.0334	1.0335	1.0336	1.0337	1.0338	1.0339
-20	1.0322	1.0323	1.0324	1.0324	1.0325	1.0326	1.0327	1.0328	1.0329	1.0330
-19	1.0313	1.0314	1.0314	1.0315	1.0316	1.0317	1.0318	1.0319	1.0320	1.0321
-18	1.0304	1.0304	1.0305	1.0306	1.0307	1.0308	1.0309	1.0310	1.0311	1.0312
-17	1.0294	1.0295	1.0296	1.0297	1.0298	1.0299	1.0300	1.0301	1.0302	1.0303
-16	1.0285	1.0286	1.0287	1.0288	1.0289	1.0290	1.0291	1.0292	1.0293	1.0294
-15	1.0276	1.0277	1.0278	1.0279	1.0280	1.0281	1.0282	1.0283	1.0284	1.0284
-14	1.0267	1.0268	1.0269	1.0270	1.0271	1.0272	1.0273	1.0273	1.0274	1.0275
-13	1.0258	1.0259	1.0260	1.0261	1.0262	1.0263	1.0263	1.0264	1.0265	1.0266
-12	1.0249	1.0250	1.0251	1.0252	1.0252	1.0253	1.0254	1.0255	1.0256	1.0257
-11	1.0240	1.0241	1.0242	1.0242	1.0243	1.0244	1.0245	1.0246	1.0247	1.0248
-10	1.0231	1.0231	1.0232	1.0233	1.0234	1.0235	1.0236	1.0237	1.0238	1.0239
-9	1.0221	1.0222	1.0223	1.0224	1.0225	1.0226	1.0227	1.0228	1.0229	1.0230
-8	1.0212	1.0213	1.0214	1.0215	1.0216	1.0217	1.0218	1.0219	1.0220	1.0220
-7	1.0203	1.0204	1.0205	1.0206	1.0207	1.0208	1.0209	1.0209	1.0210	1.0211
-6	1.0194	1.0195	1.0196	1.0197	1.0198	1.0198	1.0199	1.0200	1.0201	1.0202
-5	1.0185	1.0186	1.0187	1.0187	1.0188	1.0189	1.0190	1.0191	1.0192	1.0193
-4	1.0176	1.0176	1.0177	1.0178	1.0179	1.0180	1.0181	1.0182	1.0183	1.0184
-3	1.0166	1.0167	1.0168	1.0169	1.0170	1.0171	1.0172	1.0173	1.0174	1.0175

**Volume correction factors to 15 °C for use with all grades of Jet A, Jet-A1, jet kerosene,  
turbine fuel**

Temperature °C	0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
-2	1.0157	1.0158	1.0159	1.0160	1.0161	1.0162	1.0163	1.0164	1.0165	1.0165
-1	1.0148	1.0149	1.0150	1.0151	1.0152	1.0153	1.0153	1.0154	1.0155	1.0156
0	1.0139	1.0140	1.0141	1.0142	1.0142	1.0143	1.0144	1.0145	1.0146	1.0147
0	1.0139	1.0138	1.0137	1.0136	1.0135	1.0134	1.0133	1.0132	1.0131	1.0130
1	1.0130	1.0129	1.0128	1.0127	1.0126	1.0125	1.0124	1.0123	1.0122	1.0121
2	1.0120	1.0119	1.0118	1.0118	1.0117	1.0116	1.0115	1.0114	1.0113	1.0112
3	1.0111	1.0110	1.0109	1.0108	1.0107	1.0106	1.0106	1.0105	1.0104	1.0103
4	1.0102	1.0101	1.0100	1.0099	1.0098	1.0097	1.0096	1.0095	1.0094	1.0094
5	1.0093	1.0092	1.0091	1.0090	1.0089	1.0088	1.0087	1.0086	1.0085	1.0084
6	1.0083	1.0082	1.0082	1.0081	1.0080	1.0079	1.0078	1.0077	1.0076	1.0075
7	1.0074	1.0073	1.0072	1.0071	1.0070	1.0070	1.0069	1.0068	1.0067	1.0066
8	1.0065	1.0064	1.0063	1.0062	1.0061	1.0060	1.0059	1.0058	1.0057	1.0057
9	1.0056	1.0055	1.0054	1.0053	1.0052	1.0051	1.0050	1.0049	1.0048	1.0047
10	1.0046	1.0045	1.0045	1.0044	1.0043	1.0042	1.0041	1.0040	1.0039	1.0038
11	1.0037	1.0036	1.0035	1.0034	1.0033	1.0032	1.0032	1.0031	1.0030	1.0029
12	1.0028	1.0027	1.0026	1.0025	1.0024	1.0023	1.0022	1.0021	1.0020	1.0019
13	1.0019	1.0018	1.0017	1.0016	1.0015	1.0014	1.0013	1.0012	1.0011	1.0010
14	1.0009	1.0008	1.0007	1.0007	1.0006	1.0005	1.0004	1.0003	1.0002	1.0001
15	1.0000	0.9999	0.9998	0.9997	0.9996	0.9995	0.9994	0.9993	0.9993	0.9992
16	0.9991	0.9990	0.9989	0.9988	0.9987	0.9986	0.9985	0.9984	0.9983	0.9982
17	0.9981	0.9980	0.9980	0.9979	0.9978	0.9977	0.9976	0.9975	0.9974	0.9973

Volume correction factors to 15 °C for use with all grades of Jet A, Jet-A1, jet kerosene, turbine fuel										
Temperature °C	0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
18	0.9972	0.9971	0.9970	0.9969	0.9968	0.9967	0.9967	0.9966	0.9965	0.9964
19	0.9963	0.9962	0.9961	0.9960	0.9959	0.9958	0.9957	0.9956	0.9955	0.9954
20	0.9953	0.9953	0.9952	0.9951	0.9950	0.9949	0.9948	0.9947	0.9946	0.9945
21	0.9944	0.9943	0.9942	0.9941	0.9940	0.9940	0.9939	0.9938	0.9937	0.9936
22	0.9935	0.9934	0.9933	0.9932	0.9931	0.9930	0.9929	0.9928	0.9927	0.9926
23	0.9926	0.9925	0.9924	0.9923	0.9922	0.9921	0.9920	0.9919	0.9918	0.9917
24	0.9916	0.9915	0.9914	0.9913	0.9912	0.9912	0.9911	0.9910	0.9909	0.9908
25	0.9907	0.9906	0.9905	0.9904	0.9903	0.9902	0.9901	0.9900	0.9899	0.9898
26	0.9898	0.9897	0.9896	0.9895	0.9894	0.9893	0.9892	0.9891	0.9890	0.9889
27	0.9888	0.9887	0.9886	0.9885	0.9884	0.9883	0.9883	0.9882	0.9881	0.9880
28	0.9879	0.9878	0.9877	0.9876	0.9875	0.9874	0.9873	0.9872	0.9871	0.9870
29	0.9869	0.9869	0.9868	0.9867	0.9866	0.9865	0.9864	0.9863	0.9862	0.9861
30	0.9860	0.9859	0.9858	0.9857	0.9856	0.9855	0.9854	0.9854	0.9853	0.9852
31	0.9851	0.9850	0.9849	0.9848	0.9847	0.9846	0.9845	0.9844	0.9843	0.9842
32	0.9841	0.9840	0.9839	0.9839	0.9838	0.9837	0.9836	0.9835	0.9834	0.9833
33	0.9832	0.9831	0.9830	0.9829	0.9828	0.9827	0.9826	0.9825	0.9824	0.9824
34	0.9823	0.9822	0.9821	0.9820	0.9819	0.9818	0.9817	0.9816	0.9815	0.9814
35	0.9813	0.9812	0.9811	0.9810	0.9809	0.9809	0.9808	0.9807	0.9806	0.9805
36	0.9804	0.9803	0.9802	0.9801	0.9800	0.9799	0.9798	0.9797	0.9796	0.9795
37	0.9794	0.9793	0.9793	0.9792	0.9791	0.9790	0.9789	0.9788	0.9787	0.9786
38	0.9785	0.9784	0.9783	0.9782	0.9781	0.9780	0.9779	0.9778	0.9777	0.9777

Volume correction factors to 15 °C for use with all grades of Jet A, Jet-A1, jet kerosene, turbine fuel										
Temperature °C	0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
39	0.9776	0.9775	0.9774	0.9773	0.9772	0.9771	0.9770	0.9769	0.9768	0.9767
40	0.9766									

**Density at 15 °C = 800 kg/m<sup>3</sup>**

**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.