

API – Table 54B Temperature Correction Coefficients

Mogas					Distillates					
Temp	730		Temp	730		Temp	840		Temp	840
37.0	0.9723		-1.0	1.0199		37.0	0.9813		-1.0	1.0134
36.0	0.9735		-2.0	1.0211		36.0	0.9822		-2.0	1.0143
35.0	0.9748		-3.0	1.0224		35.0	0.9831		-3.0	1.0151
34.0	0.9761		-4.0	1.0236		34.0	0.9839		-4.0	1.0160
33.0	0.9773		-5.0	1.0248		33.0	0.9848		-5.0	1.0168
32.0	0.9786		-6.0	1.0261		32.0	0.9856		-6.0	1.0176
31.0	0.9799		-7.0	1.0273		31.0	0.9865		-7.0	1.0185
30.0	0.9811		-8.0	1.0285		30.0	0.9873		-8.0	1.0193
29.0	0.9824		-9.0	1.0297		29.0	0.9881		-9.0	1.0201
28.0	0.9837		-10.0	1.0310		28.0	0.9890		-10.0	1.0210
27.0	0.9849		-11.0	1.0322		27.0	0.9898		-11.0	1.0218
26.0	0.9862		-12.0	1.0334		26.0	0.9907		-12.0	1.0226
25.0	0.9874		-13.0	1.0346		25.0	0.9915		-13.0	1.0235
24.0	0.9887		-14.0	1.0359		24.0	0.9924		-14.0	1.0243
23.0	0.9900		-15.0	1.0371		23.0	0.9932		-15.0	1.0251
22.0	0.9912		-16.0	1.0383		22.0	0.9941		-16.0	1.0259
21.0	0.9925		-17.0	1.0395		21.0	0.9949		-17.0	1.0268
20.0	0.9937		-18.0	1.0407		20.0	0.9958		-18.0	1.0276
19.0	0.9950		-19.0	1.0419		19.0	0.9966		-19.0	1.0284
18.0	0.9962		-20.0	1.0431		18.0	0.9975		-20.0	1.0293
17.0	0.9975		-21.0	1.0443		17.0	0.9983		-21.0	1.0301
16.0	0.9987		-22.0	1.0455		16.0	0.9992		-22.0	1.0309
15.0	1.0000		-23.0	1.0467		15.0	1.0000		-23.0	1.0317
14.0	1.0013		-24.0	1.0479		14.0	1.0008		-24.0	1.0326
13.0	1.0025		-25.0	1.0491		13.0	1.0017		-25.0	1.0334
12.0	1.0037		-26.0	1.0503		12.0	1.0025		-26.0	1.0342
11.0	1.0050		-27.0	1.0515		11.0	1.0034		-27.0	1.0351
10.0	1.0062		-28.0	1.0527		10.0	1.0042		-28.0	1.0359
9.0	1.0075		-29.0	1.0539		9.0	1.0051		-29.0	1.0367
8.0	1.0087		-30.0	1.0551		8.0	1.0059		-30.0	1.0375
7.0	1.0100		-31.0	1.0563		7.0	1.0067		-31.0	1.0384
6.0	1.0112		-32.0	1.0575		6.0	1.0076		-32.0	1.0392
5.0	1.0125		-33.0	1.0587		5.0	1.0084		-33.0	1.0400
4.0	1.0137		-34.0	1.0599		4.0	1.0093		-34.0	1.0408
3.0	1.0149		-35.0	1.0611		3.0	1.0101		-35.0	1.0417
2.0	1.0162		-36.0	1.0623		2.0	1.0109		-36.0	1.0425
1.0	1.0174		-37.0	1.0635		1.0	1.0118		-37.0	1.0433
0.0	1.0187		-38.0	1.0647		0.0	1.0126		-38.0	1.0441

Volume correction factors and mean density values obtained from Measurement Canada Bulletin V-18-E (rev. 4) dated 2001-10-22.