



## E85 Temperature / Specific Gravity Table

TEMP	Spec. Gr.	TEMP	Spec. Gr.	TEMP	Spec. Gr.
40	0.7970	60	0.7887	80	0.7804
41	0.7966	61	0.7883	81	0.7800
42	0.7961	62	0.7878	82	0.7796
43	0.7957	63	0.7874	83	0.7792
44	0.7953	64	0.7870	84	0.7788
45	0.7949	65	0.7866	85	0.7784
46	0.7945	66	0.7862	86	0.7779
47	0.7941	67	0.7858	87	0.7775
48	0.7937	68	0.7854	88	0.7771
49	0.7933	69	0.7850	89	0.7767
50	0.7928	<b>70</b>	0.7846	90	0.7762
51	0.7924	71	0.7841	91	0.7758
52	0.7920	72	0.7837	92	0.7754
53	0.7916	73	0.7833	93	0.7750
54	0.7911	74	0.7829	94	0.7746
55	0.7908	75	0.7825	95	0.7742
56	0.7904	<b>76</b>	0.7821	96	0.7738
57	0.7900	77	0.7817	97	0.7733
58	0.7896	<b>78</b>	0.7812	98	0.7729
59	0.7891	79	0.7808	99	0.7725

## To Use This Table:

- 1. Measure the specific gravity with the hydrometer provided and record. Measure the temperature with the thermometer provided and record. Compare the specific gravity of the test sample with the specific gravity in the table opposite the temperature observed. If the specific gravity of the test sample is within  $\pm 0.002$  of the table, the sample is good. If the variation is greater than  $\pm 0.002$ , pull another sample and test it again.
- 2. To calculate the weight of the fuel at a temperature other than 60°F, multiply the specific gravity by 8.328.
- \* The fuel weighs approximately <u>6.568 pounds per gallon at 60° F</u> when the sample is in compliance.