

# Factors for Reducing Volume to 60° F. - Performance Graded Binders and Asphaltic Oils

Based on data from Petroleum Measurement Tables 7 and 25, ASTM D-1250 (pre-1980)

Group 0 - Specific Gravity (60°F.) range 0.9660 to 1.0760

Temp. °F	Factor	Temp. °F	Factor	Temp. °F	Factor
0	1.0211	44	1.0056	88	0.9902
1	1.0208	45	1.0053	89	0.9899
2	1.0204	46	1.0049	90	0.9896
3	1.0201	47	1.0046	91	0.9892
4	1.0197	48	1.0042	92	0.9889
5	1.0194	49	1.0038	93	0.9885
6	1.0190	50	1.0035	94	0.9882
7	1.0186	51	1.0031	95	0.9878
8	1.0183	52	1.0028	96	0.9875
9	1.0179	53	1.0024	97	0.9871
10	1.0176	54	1.0021	98	0.9868
11	1.0172	55	1.0017	99	0.9864
12	1.0169	56	1.0014	100	0.9861
13	1.0165	57	1.0010	101	0.9857
14	1.0162	58	1.0007	102	0.9854
15	1.0158	59	1.0003	103	0.9851
16	1.0155	60	1.0000	104	0.9847
17	1.0151	61	0.9997	105	0.9844
18	1.0148	62	0.9993	106	0.9840
19	1.0144	63	0.9990	107	0.9837
20	1.0141	64	0.9986	108	0.9833
21	1.0137	65	0.9983	109	0.9830
22	1.0133	66	0.9979	110	0.9826
23	1.0130	67	0.9976	111	0.9823
24	1.0126	68	0.9972	112	0.9819
25	1.0123	69	0.9969	113	0.9816
26	1.0119	70	0.9965	114	0.9813
27	1.0116	71	0.9962	115	0.9809
28	1.0112	72	0.9958	116	0.9806
29	1.0109	73	0.9955	117	0.9802
30	1.0105	74	0.9951	118	0.9799
31	1.0102	75	0.9948	119	0.9795
32	1.0098	76	0.9944	120	0.9792
33	1.0095	77	0.9941	121	0.9788
34	1.0091	78	0.9937	122	0.9785
35	1.0088	79	0.9934	123	0.9782
36	1.0084	80	0.9930	124	0.9778
37	1.0081	81	0.9927	125	0.9775
38	1.0077	82	0.9923	126	0.9771
39	1.0074	83	0.9920	127	0.9768
40	1.0070	84	0.9916	128	0.9764
41	1.0067	85	0.9913	129	0.9761
42	1.0063	86	0.9909	130	0.9758
43	1.0060	87	0.9906	131	0.9754

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Temp. °F	Factor	Temp. °F	Factor	Temp. °F	Factor
132	0.9751	176	0.9601	220	0.9452
133	0.9747	177	0.9597	221	0.9449
134	0.9744	178	0.9594	222	0.9446
135	0.9740	179	0.9590	223	0.9442
136	0.9737	180	0.9587	224	0.9439
137	0.9734	181	0.9584	225	0.9436
138	0.9730	182	0.9580	226	0.9432
139	0.9727	183	0.9577	227	0.9429
140	0.9723	184	0.9574	228	0.9426
141	0.9720	185	0.9570	229	0.9422
142	0.9716	186	0.9567	230	0.9419
143	0.9713	187	0.9563	231	0.9416
144	0.9710	188	0.9560	232	0.9412
145	0.9706	189	0.9557	233	0.9409
146	0.9703	190	0.9553	234	0.9405
147	0.9699	191	0.9550	235	0.9402
148	0.9696	192	0.9547	236	0.9399
149	0.9693	193	0.9543	237	0.9395
150	0.9689	194	0.9540	238	0.9392
151	0.9686	195	0.9536	239	0.9389
152	0.9682	196	0.9533	240	0.9385
153	0.9679	197	0.9530	241	0.9382
154	0.9675	198	0.9526	242	0.9379
155	0.9672	199	0.9523	243	0.9375
156	0.9669	200	0.9520	244	0.9372
157	0.9665	201	0.9516	245	0.9369
158	0.9662	202	0.9513	246	0.9365
159	0.9658	203	0.9509	247	0.9362
160	0.9655	204	0.9506	248	0.9359
161	0.9652	205	0.9503	249	0.9356
162	0.9648	206	0.9499	250	0.9352
163	0.9645	207	0.9496	251	0.9349
164	0.9641	208	0.9493	252	0.9346
165	0.9638	209	0.9489	253	0.9342
166	0.9635	210	0.9486	254	0.9339
167	0.9631	211	0.9483	255	0.9336
168	0.9628	212	0.9479	256	0.9332
169	0.9624	213	0.9476	257	0.9329
170	0.9621	214	0.9472	258	0.9326
171	0.9618	215	0.9469	259	0.9322
172	0.9614	216	0.9466	260	0.9319
173	0.9611	217	0.9462	261	0.9316
174	0.9607	218	0.9459	262	0.9312
175	0.9604	219	0.9456	263	0.9309

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Temp. °F	Factor	Temp. °F	Factor	Temp. °F	Factor
264	0.9306	293	0.9210	322	0.9115
265	0.9302	294	0.9207	323	0.9112
266	0.9299	295	0.9204	324	0.9109
267	0.9296	296	0.9200	325	0.9105
268	0.9293	297	0.9197	326	0.9102
269	0.9289	298	0.9194	327	0.9099
270	0.9286	299	0.9190	328	0.9096
271	0.9283	300	0.9187	329	0.9092
272	0.9279	301	0.9184	330	0.9089
273	0.9276	302	0.9181	331	0.9086
274	0.9273	303	0.9177	332	0.9083
275	0.9269	304	0.9174	333	0.9079
276	0.9266	305	0.9171	334	0.9076
277	0.9263	306	0.9167	335	0.9073
278	0.9259	307	0.9164	336	0.9070
279	0.9256	308	0.9161	337	0.9066
280	0.9253	309	0.9158	338	0.9063
281	0.9250	310	0.9154	339	0.9060
282	0.9246	311	0.9151	340	0.9057
283	0.9243	312	0.9148	341	0.9053
284	0.9240	313	0.9145	342	0.9050
285	0.9236	314	0.9141	343	0.9047
286	0.9233	315	0.9138	344	0.9044
287	0.9230	316	0.9135	345	0.9040
288	0.9227	317	0.9132	346	0.9037
289	0.9223	318	0.9128	347	0.9034
290	0.9220	319	0.9125	348	0.9031
291	0.9217	320	0.9122	349	0.9028
292	0.9213	321	0.9118	350	0.9024