

## Approximate Viscosity Conversions

Seconds Saybolt Universal SSU	Kinematic viscosity		Seconds Saybolt Furol SSF	Seconds Red-wood 1 Standard	Seconds Red-wood 2 Admiralty	Degrees Engler	Degrees Barbay	Kinematic centistokes
	centistokes	ft <sup>2</sup> /sec						
31	1.0	0.00001076		29		1.00	6200	1.0
31.5	1.13	0.00001216		29.4		1.01	5486	1.13
32	1.81	0.00001948		29.8		1.08	3425	1.81
32.6	2.00	0.00002153		30.2		1.10	3100	2.00
33	2.11	0.00002271		30.6		1.11	2938	2.11
34	2.40	0.00002583		31.3		1.14	2583	2.40
35	2.71	0.00002917		32.1		1.17	2287	2.71
36	3.00	0.00003229		32.9		1.20	2066	3.00
38	3.64	0.00003918		33.7		1.26	1703	3.64
39.2	4.00	0.00004306		35.5		1.30	1550	4.00
40	4.25	0.00004575		36.2	5.10	1.32	1459	4.25
42	4.88	0.00005253		38.2	5.25	1.36	1270	4.88
42.4	5.00	0.00005382		38.6	5.28	1.37	1240	5.00
44	5.50	0.00005920		40.6	5.39	1.40	1127	5.50
45.6	6.00	0.00006458		41.8	5.51	1.43	1033	6.00
46	6.13	0.00006598		42.3	5.54	1.44	1011	6.13
46.8	7.00	0.00007535		43.1	5.60	1.48	885	7.00
50	7.36	0.00007922		44.3	5.83	1.58	842	7.36
52.1	8.00	0.00008611		46.0	6.03	1.64	775	8.00
55	8.88	0.00009558		48.3	6.30	1.73	698	8.88
55.4	9.00	0.00009688		48.6	6.34	1.74	689	9.00
58.8	10.00	0.0001076		51.3	6.66	1.83	620	10.00
60	10.32	0.0001111		52.3	6.77	1.87	601	10.32
65	11.72	0.0001262		56.7	7.19	2.01	529	11.72
70	13.08	0.0001408		60.9	7.60	2.16	474	13.08
75	14.38	0.0001548		66.1	8.02	2.37	431	14.38
80	15.66	0.0001686		69.2	8.44	2.45	396	15.66
85	16.90	0.0001819		73.4	8.87	2.59	367	16.90
90	18.12	0.0001950		77.6	9.30	2.73	342	18.12
95	19.32	0.0002080		81.6	9.71	2.88	321	19.32
100	20.52	0.0002209		85.6	10.12	3.02	302	20.52
120	25.15	0.0002707		102	11.88	3.57	246	25.15

140	29.65	0.0003191		119	13.63	4.11	209	29.65
160	34.10	0.0003670		136	15.39	4.64	182	34.10
180	38.52	0.0004146		153	17.14	5.12	161	38.52
200	42.95	0.0004623		170	18.90	5.92	144	42.95
300	64.6	0.0006953	32.7	253	28.0	8.79	96	64.6
400	86.2	0.0009278	42.4	336	37.1	11.70	71.9	86.2
500	108.0	0.001163	52.3	423	46.2	14.60	57.4	108.0
600	129.4	0.001393	62.0	507	55.3	17.50	47.9	129.4
700	151.0	0.001625	72.0	592	64.6	20.44	41.0	151.0
800	172.6	0.001858	82.0	677	73.8	23.36	35.9	172.6
900	194.2	0.002090	92.1	762	83.0	26.28	31.9	194.2
1000	215.8	0.002323	102.1	846	92.3	29.20	28.7	215.8
1200	259.0	0.002788	122	1016	111	35.1	23.9	259.0
1400	302.3	0.003254	143	1185	129	40.9	20.5	302.3
1600	345.3	0.003717	163	1354	148	46.7	18.0	345.3
1800	388.5	0.004182	183	1524	166	52.6	15.6	388.5
2000	431.7	0.004647	204	1693	185	58.4	14.4	431.7
2500	539.4	0.005806	254	2115	231	73.0	11.5	539.4
3000	647.3	0.006967	305	2538	277	87.6	9.6	647.3
3500	755.2	0.008129	356	2961	323	102	8.21	755.2
4000	863.1	0.009290	408	3385	369	117	7.18	863.1
4500	970.9	0.01045	458	3807	415	131	6.39	970.9
5000	1078.8	0.01161	509	4230	461	146	5.75	1078.8
6000	1294.6	0.01393	610	5077	553	175	4.78	1294.6
7000	1510.3	0.01626	712	5922	646	204	4.11	1510.3
8000	1726.1	0.01858	814	6769	738	234	3.59	1726.1
9000	1941.9	0.02092	916	7615	830	263	3.19	1941.9
10000	2157.6	0.02322	1018	8461	922	292	2.87	2157.6
15000	3236.5	0.03483	1526	10692		438	19.2	3236.5
20000	4315.3	0.04645	2035	16923		584	1.44	4315.3