

## VISCOSITY OF CASTOR OIL

Temperature in Degrees Centigrade	Poises	Temperature in Degrees Centigrade	Poises
5	37.60	25	6.51
6	34.475	26	6.04
7	31.56	27	5.61
8	28.90	28	5.21
9	26.45	29	4.85
10	24.18	30	4.51
11	22.075	31	4.21
12	20.075	32	3.94
13	18.25	33	3.65
14	16.61	34	3.40
15	15.14	35	3.16
16	13.805	36	2.94
17	12.65	37	2.74
18	11.625	38	2.58
19	10.71	39	2.44
20	9.86	40	2.31
21	9.06	37.8	2.729
22	8.34	65.6	0.605
23	7.67	100.0	0.169
24	7.06		

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## ABSOLUTE VISCOSITIES OF AQUEOUS GLYCEROL SOLUTIONS

Sp. Gr. 25°/25° C	Per Cent Glycerol by Weight	Absolute Viscosity in Centipoises			Sp. Gr. 25°/25° C	Per Cent Glycerol by Weight	Absolute Viscosity in Centipoises		
		20°C	25°C	30°C			20°C	25°C	30°C
1.00000	0.00	1.005	0.893	0.800	1.14090	55.00	7.997	6.582	5.494
1.00235	1.00	1.029	0.912	0.817	1.14365	56.00	8.482	6.963	5.816
1.00475	2.00	1.055	0.935	0.836	1.14640	57.00	9.012	7.394	6.148
1.00710	3.00	1.083	0.959	0.856	1.14915	58.00	9.586	7.830	6.495
1.00950	4.00	1.112	0.984	0.877	1.15185	59.00	10.25	8.312	6.870
1.01185	5.00	1.143	1.010	0.900	1.15460	60.00	10.90	8.823	7.312
1.01425	6.00	1.175	1.037	0.924	1.15735	61.00	11.71	9.428	7.740
1.01660	7.00	1.207	1.064	0.948	1.16010	62.00	12.52	10.11	8.260
1.01900	8.00	1.239	1.092	0.972	1.16285	63.00	13.43	10.83	8.812
1.02135	9.00	1.274	1.121	0.997	1.16560	64.00	14.42	11.57	9.386
1.02370	10.00	1.311	1.153	1.024	1.16835	65.00	15.54	12.36	10.02
1.02620	11.00	1.350	1.186	1.052	1.17110	66.00	16.73	13.22	10.68
1.02865	12.00	1.390	1.221	1.082	1.17385	67.00	17.96	14.18	11.45
1.03110	13.00	1.431	1.256	1.112	1.17660	68.00	19.40	15.33	12.33
1.03360	14.00	1.473	1.292	1.143	1.17935	69.00	21.07	16.62	13.27
1.03605	15.00	1.517	1.331	1.174	1.18210	70.00	22.94	17.96	14.32
1.03850	16.00	1.565	1.370	1.207	1.18480	71.00	25.17	19.53	15.56
1.04100	17.00	1.614	1.411	1.244	1.18755	72.00	27.56	21.29	16.88
1.04345	18.00	1.664	1.453	1.281	1.19025	73.00	30.21	23.28	18.34
1.04590	19.00	1.715	1.495	1.320	1.19295	74.00	33.04	25.46	19.93
1.04840	0.00	1.769	1.542	1.360	1.19565	75.00	36.46	27.73	21.68
1.05095	1.00	1.829	1.592	1.403	1.19840	76.00	40.19	30.56	23.60
1.05350	2.00	1.892	1.644	1.447	1.20110	77.00	44.53	33.58	25.90
1.05605	3.00	1.957	1.699	1.494	1.20380	78.00	49.57	37.18	28.68
1.05860	4.00	2.025	1.754	1.541	1.20655	79.00	55.47	41.16	31.62
1.06115	5.00	2.095	1.810	1.590	1.20925	80.00	62.0	45.86	34.92
1.06370	6.00	2.167	1.870	1.641	1.21190	81.00	69.3	51.02	38.56
1.06625	7.00	2.242	1.934	1.695	1.21455	82.00	77.9	56.90	42.92
1.06880	8.00	2.324	2.008	1.752	1.21720	83.00	87.9	64.2	47.90
1.07135	9.00	2.410	2.082	1.812	1.21990	84.00	99.6	72.2	53.63
1.07395	10.00	2.501	2.157	1.876	1.22255	85.00	112.9	81.5	60.05
1.07660	11.00	2.597	2.235	1.942	1.22520	86.00	129.6	92.6	68.1
1.07925	12.00	2.700	2.318	2.012	1.22790	87.00	150.4	106.1	77.5
1.08190	13.00	2.809	2.407	2.088	1.23055	88.00	174.5	122.6	88.8
1.08455	14.00	2.921	2.502	2.167	1.23320	89.00	201.4	141.8	101.1
1.08715	15.00	3.040	2.600	2.249	1.23585	90.00	234.6	163.6	115.3
1.08980	16.00	3.169	2.706	2.335	1.23850	91.00	278.4	189.3	134.4
1.09245	17.00	3.300	2.817	2.427	1.24115	92.00	328.4	221.8	156.5
1.09510	18.00	3.440	2.932	2.523	1.24380	93.00	387.7	262.9	182.8
1.09775	19.00	3.593	3.052	2.624	1.24645	94.00	457.7	308.7	212.0
1.10040	20.00	3.750	3.181	2.731	1.24910	95.00	545.0	366.0	248.8
1.10310	21.00	3.917	3.319	2.845	1.25165	96.00	641.0	435.0	296.7
1.10575	22.00	4.106	3.466	2.966	1.25425	97.00	705.0	522.9	354.0
1.10845	23.00	4.307	3.624	3.094	1.25685	98.00	774.0	629.0	424.0
1.11115	24.00	4.509	3.787	3.231	1.25945	99.00	1197.0	775.0	511.0
1.11380	25.00	4.715	3.967	3.380	1.26201	100.00	1499.0	945.0	624.0
1.11650	26.00	4.952	4.165	3.540					
1.11915	27.00	5.206	4.367	3.706					
1.12185	28.00	5.465	4.571	3.879					
1.12450	29.00	5.730	4.787	4.051					
1.12720	30.00	6.050	5.041	4.247					
1.12995	31.00	6.396	5.319	4.467					
1.13265	32.00	6.764	5.597	4.709					
1.13540	33.00	7.158	5.910	4.957					
1.13815	34.00	7.562	6.230	5.210					

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