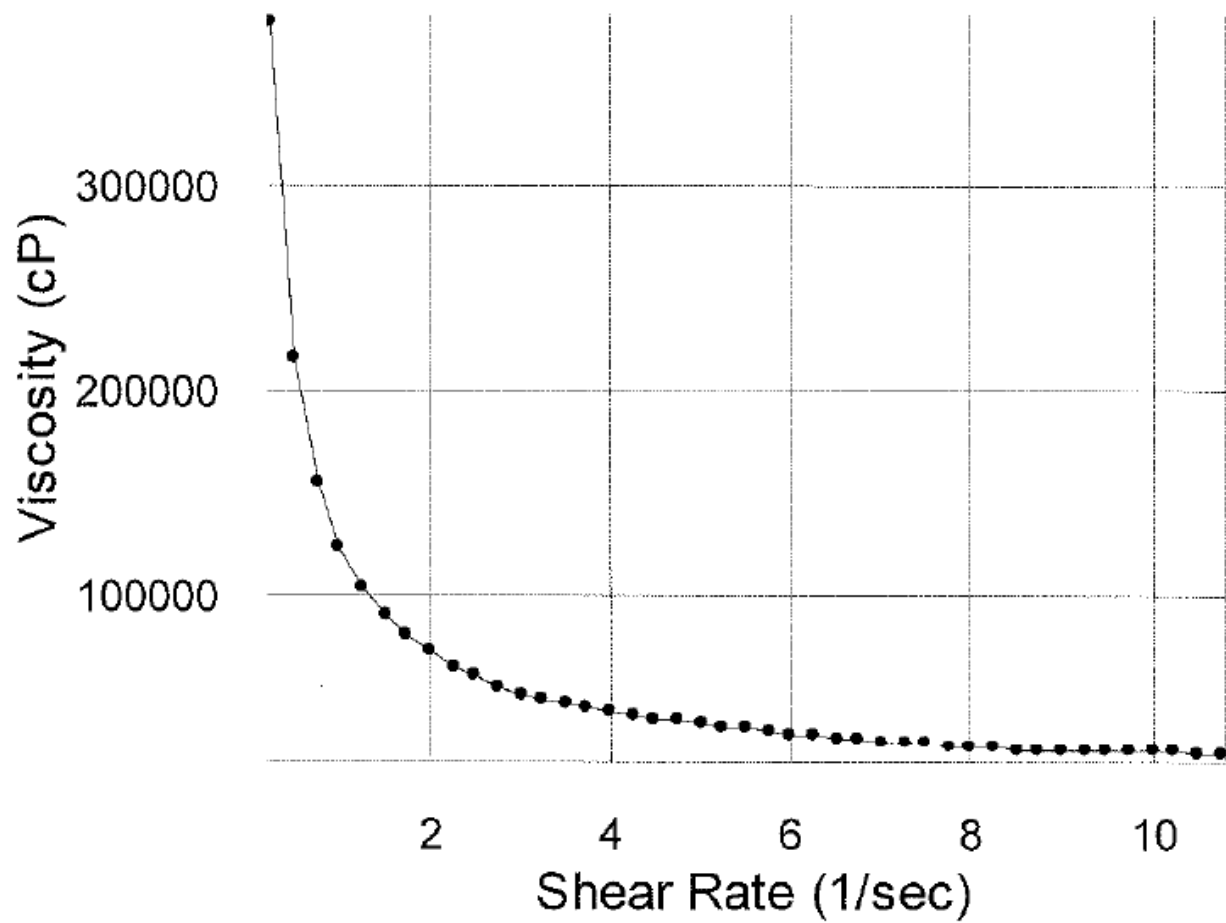


# Brookfield Engineering Labs



## Rheocalc V3.0-1

## Brookfield Engineering Labs

File: G:\INTERNAL\RICHARD\VISCOSITY TESTS\

Test Date: 07/03/2019 Test Time: 07:40:49

Model: RV Spindle: SC4-29

Sample Name: (Sample)

#	Viscosity (cP)	Speed (RPM)	% Torque (%)	Shear Stress (D/cm <sup>2</sup> )	Shear Rate (1/sec)	Temperature (°C)	Time Interval (mm:ss.t)
1	380000.00	1.00	38.0	950.00	0.25	15.0	00:10.2
2	216500.00	2.00	43.3	1082.50	0.50	15.1	00:10.2
3	156000.00	3.00	46.8	1170.00	0.75	15.0	00:10.2
4	124500.00	4.00	49.8	1245.00	1.00	15.0	00:10.2
5	104800.00	5.00	52.4	1310.00	1.25	14.9	00:10.2
6	90833.33	6.00	54.5	1362.50	1.50	15.0	00:10.2
7	80857.14	7.00	56.6	1415.00	1.75	15.0	00:10.2
8	73000.00	8.00	58.4	1460.00	2.00	15.0	00:10.2
9	66666.67	9.00	60.0	1500.00	2.25	15.0	00:10.2
10	61400.00	10.00	61.4	1535.00	2.50	15.0	00:10.2
11	56909.09	11.00	62.6	1565.00	2.75	15.0	00:10.2
12	53000.00	12.00	63.6	1590.00	3.00	15.0	00:10.2
13	50153.85	13.00	65.2	1630.00	3.25	15.0	00:10.2
14	47642.86	14.00	66.7	1667.50	3.50	15.0	00:10.2
15	45400.00	15.00	68.1	1702.50	3.75	15.0	00:10.2
16	43562.50	16.00	69.7	1742.50	4.00	15.0	00:10.2
17	41823.53	17.00	71.1	1777.50	4.25	15.0	00:10.2
18	40444.44	18.00	72.8	1820.00	4.50	15.0	00:10.2

**Rheocalc V3.0-1****Brookfield Engineering Labs**

#	Viscosity (cP)	Speed (RPM)	% Torque (%)	Shear Stress (D/cm <sup>2</sup> )	Shear Rate (1/sec)	Temperature (°C)	Time Interval (mm:ss.t)
19	39789.47	19.00	75.6	1890.00	4.75	15.0	00:10.2
20	38550.00	20.00	77.1	1927.50	5.00	15.0	00:10.2
21	37190.48	21.00	78.1	1952.50	5.25	15.0	00:10.2
22	35727.27	22.00	78.6	1965.00	5.50	15.0	00:10.2
23	34391.30	23.00	79.1	1977.50	5.75	15.0	00:10.2
24	32958.33	24.00	79.1	1977.50	6.00	15.0	00:10.2
25	31880.00	25.00	79.7	1992.50	6.25	15.0	00:10.2
26	31076.92	26.00	80.8	2020.00	6.50	15.0	00:10.2
27	30148.15	27.00	81.4	2035.00	6.75	15.0	00:10.2
28	29285.71	28.00	82.0	2050.00	7.00	14.9	00:10.2
29	28586.21	29.00	82.9	2072.50	7.25	14.9	00:10.2
30	27866.67	30.00	83.6	2090.00	7.50	15.0	00:10.2
31	27000.00	31.00	83.7	2092.50	7.75	15.0	00:10.2
32	26718.75	32.00	85.5	2137.50	8.00	15.0	00:10.2
33	26060.61	33.00	86.0	2150.00	8.25	15.0	00:10.2
34	25382.35	34.00	86.3	2157.50	8.50	15.0	00:10.2
35	24914.29	35.00	87.2	2180.00	8.75	15.1	00:10.2
36	25611.11	36.00	92.2	2305.00	9.00	15.1	00:10.2
37	25324.32	37.00	93.7	2342.50	9.25	15.1	00:10.2
38	24973.68	38.00	94.9	2372.50	9.50	15.1	00:10.2
39	24589.74	39.00	95.9	2397.50	9.75	15.1	00:10.2

**Rheocalc V3.0-1****Brookfield Engineering Labs**

#	Viscosity (cP)	Speed (RPM)	% Torque (%)	Shear Stress (D/cm <sup>2</sup> )	Shear Rate (1/sec)	Temperature (°C)	Time Interval (mm:ss.t)
40	24100.00	40.00	96.4	2410.00	10.00	15.1	00:10.2
41	23731.71	41.00	97.3	2432.50	10.25	15.1	00:10.2
42	23547.62	42.00	98.9	2472.50	10.50	15.0	00:10.2
43	EEEE	43.00	100	EEEE	10.75	15.1	00:10.2

**Notes:**