

Large Cooling System

100-8000 Gallons • 50% Antifreeze/50% Water

Adding Pencool® 3000 to a 50% Water / 50% Antifreeze Mix

Use Pencool® 3000 not Pencool® 2000 for a 50/50 system.

3% Pencool® 3000 should be added to the system to reach 1200 ppm Nitrite.

Note: 1% Pencool® = 400 ppm nitrite

Check the chart below to determine how much Pencool®, in gallons, to add to your system.

Note: PPM = Indicated nitrite level on test strips or titration

Add gallons of Pencool 3000 to reach 1200 ppm nitrite				
Cooling System Cap. in Gals.	0 ppm	400 ppm	800 ppm	1200 ppm
100	3	2	1	0
125	4	3	1	0
150	5	3	2	0
175	5	4	2	0
200	6	4	2	0
225	7	5	2	0
250	8	5	3	0
275	8	6	3	0
300	9	6	3	0
325	10	7	3	0
350	11	7	4	0
375	11	8	4	0
400	12	8	4	0
425	13	9	4	0
450	14	9	5	0
475	14	10	5	0
500	15	10	5	0
600	18	12	6	0
700	21	14	7	0
800	24	16	8	0
900	27	18	9	0
1000	30	20	10	0
1100	33	22	11	0
1200	36	24	12	0
1300	39	26	13	0
1400	42	28	14	0
1500	45	30	15	0
1600	48	32	16	0
1700	51	34	17	0
1800	54	36	18	0
1900	57	38	19	0
2000	60	40	20	0
2500	75	50	25	0
2750	83	55	28	0
3000	90	60	30	0
3250	98	65	33	0
3500	105	70	35	0
3750	113	75	38	0
4000	120	80	40	0
4250	128	85	43	0
4500	135	90	45	0
4750	143	95	48	0
5000	150	100	50	0
6000	180	120	60	0
7000	210	140	70	0
8000	240	160	80	0
*Example- In an 8,000 galon cooling system capacity testing at 0 ppm nitrite, 240 gallons of Pencool 3000 are needed to reach 1200 ppm				