

Large Cooling System

100-8000 Gallons • 25% Antifreeze/75% Water

Adding Pencool® 2000 or Pencool® 3000 to a 75% Water / 25% Antifreeze Mix

4% Pencool® 2000 or Pencool® 3000 should be added to the system to reach 1600 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 2000 or 3000 to reach 1600 ppm nitrite					
Cooling System Cap. in Gals.	0 ppm	400 ppm	800 ppm	1200 ppm	1600 ppm
100	4	3	2	1	0
125	5	4	3	1	0
150	6	5	3	2	0
175	7	5	4	2	0
200	8	6	4	2	0
225	9	7	5	2	0
250	10	8	5	3	0
275	11	8	6	3	0
300	12	9	6	3	0
325	13	10	7	3	0
350	14	11	7	4	0
375	15	11	8	4	0
400	16	12	8	4	0
425	17	13	9	4	0
450	18	14	9	5	0
475	19	14	10	5	0
500	20	15	10	5	0
600	24	18	12	6	0
700	28	21	14	7	0
800	32	24	16	8	0
900	36	27	18	9	0
1000	40	30	20	10	0
1100	44	33	22	11	0
1200	48	36	24	12	0
1300	52	39	26	13	0
1400	56	42	28	14	0
1500	60	45	30	15	0
1600	64	48	32	16	0
1700	68	51	34	17	0
1800	72	54	36	18	0
1900	76	57	38	19	0
2000	80	60	40	20	0
2500	100	75	50	25	0
2750	110	83	55	28	0
3000	120	90	60	30	0
3250	130	98	65	33	0
3500	140	105	70	35	0
3750	150	113	75	38	0
4000	160	120	80	40	0
4250	170	128	85	43	0
4500	180	135	90	45	0
4750	190	143	95	48	0
5000	200	150	100	50	0
6000	240	180	120	60	0
7000	280	210	140	70	0
8000	320	240	160	80	0

*Example- in an 8000 gallon capacity cooling system testing at 0 ppm nitrite, 320 gallons of Pencool 2000 or Pencool 3000 are needed to reach 1600 ppm nitrite