

Large Cooling System Metric
400-4000 Liters • 100% Water

Adding Pencool® 2000 to a 100% Water System

5% Pencool® 2000 should be added to the system to reach 2000 ppm Nitrite.

Note: 1% Pencool® 2000 = 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 liters of Pencool 2000 to reach 2000 ppm nitrite						
Cooling System Cap. in Liters	0 ppm	400 ppm	800 ppm	1200 ppm	1600 ppm	2000 ppm
400	20	16	12	8	4	0
500	25	20	15	10	5	0
600	30	24	18	12	6	0
700	35	28	21	14	7	0
800	40	32	24	16	8	0
900	45	36	27	18	9	0
1000	50	40	30	20	10	0
1200	60	48	36	24	12	0
1300	65	52	39	26	13	0
1400	70	56	42	28	14	0
1500	75	60	45	30	15	0
1600	80	64	48	32	16	0
1700	85	68	51	34	17	0
1800	90	72	54	36	18	0
1900	95	76	57	38	19	0
2000	100	80	60	40	20	0
2100	105	84	63	42	21	0
2200	110	88	66	44	22	0
2600	130	104	78	52	26	0
2400	120	96	72	48	24	0
2500	125	100	75	50	25	0
2600	130	104	78	52	26	0
2700	135	108	81	54	27	0
2800	140	112	84	56	28	0
2900	145	116	87	58	29	0
3000	150	120	90	60	30	0
3250	163	130	98	65	33	0
3500	175	140	105	70	35	0
3750	188	150	113	75	38	0
4000	200	160	120	80	40	0

**Example- In a 4000 Liter cooling system capacity system testing at 0 ppm nitrite, 200 liters of Pencool 2000 are needed to reach 2000 ppm*