

**Large Cooling System Metric**  
400-4000 Liters • 50% Antifreeze/50% 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 liters, to add to your system.

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

\*3.785 Liters – 1 Gallon or .2642 Gallons = 1 Liter.

Add liters of Pencool 3000 to reach 1200 ppm nitrite				
Cooling System Cap. in Liters	0 ppm	400 ppm	800 ppm	1 200 ppm
400	12	8	4	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
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
2100	63	42	21	0
2200	66	44	22	0
2400	72	48	24	0
2500	75	50	25	0
2600	78	52	26	0
2700	81	54	27	0
2800	84	56	28	0
2900	87	58	29	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

*\*Example- In a 4000 liter cooling system capacity system testing at 0 ppm nitrite, 120 liters of Pencool 3000 are needed to reach 1200 ppm*