

## SATURATION INDEX CHART

FORMULA:

$$SI = ( pH + Tf + Cf + Af ) - TDSf$$

TEMPERATURE			CALCIUM		ALKALINITY	
F	C	Tf	PPM	Cf	PPM	Af
32	0.0	0.0	25	1.0	25	1.4
37	2.8	0.1	50	1.3	50	1.7
46	7.8	0.2	75	1.5	75	1.9
53	11.7	0.3	100	1.6	100	2.0
60	15.6	0.4	125	1.7	125	2.1
66	18.9	0.5	150	1.8	150	2.2
76	24.4	0.6	200	1.9	200	2.3
84	28.9	0.7	250	2.0	250	2.4
94	34.4	0.8	300	2.1	300	2.5
105	40.6	0.9	400	2.2	400	2.6
			800	2.5	800	2.9

## TOTAL DISSOLVED SOLIDS FACTOR

TDS READING	FACTOR
≤ 800	= 12.1
801 - 1500	= 12.2
1501 - 2900	= 12.3
2901 - 5500	= 12.4
> 5,500	= 12.5

"≤" means equal to or less than

"&gt;" means greater than



\*\*If adjustment(s) need to be made, it is best to adjust total alkalinity first then pH, then calcium hardness\*\*