

SUGGESTIONS FOR USING THE HYDROCLOR-Q TEST KIT

HydroClor-Q is designed for use on water and oil/water mixtures. For accuracy, the sample should contain more than 70% water. Samples containing more oil (less water) may be tested accurately if the following correction is used.

$$\text{True Concentration} = \text{Reading from syringe} \times \frac{10 + \text{mls oil in sample}}{\% \quad 10} \cdot$$

For example, if the sample contained 6 ml water and 4 ml oil (60% water) and the reading off the syringe was 2000 ppm, then the true concentration would be:

$$2000 \frac{10 + 4}{\% \quad 10} = 2800 \text{ ppm}$$

For samples that contain >80% oil, use Clor-D-Tect Q4000, designed for used oil analysis.

CONVERSION FACTORS FOR HYDROCLOR-Q

Divide result obtained by appropriate conversion factor

Percent Water	Percent Oil	Conversion Factor
100	0	1
95	5	0.975
90	10	0.95
85	15	0.925
80	20	0.9
75	25	0.875
70	30	0.85
65	35	0.825
60	40	0.8
55	45	0.775
50	50	0.75
45	55	0.725
40	60	0.7
35	65	0.675
30	70	0.65
25	75	0.625
20	80	0.6
15	85	0.575
10	90	0.55
5	95	0.525
0	100	0.5