

TEST SET – CHLORIDE - PRODUCT CODE 11902

CARETREAT 2 DIESEL & CARETREAT 3 BOILER

(Do not use the solution used for p-Alkalinity determination)
Chloride level determination.

1. Fill the plastic measuring tube with the water to be tested. Pour the contents of the tube into the mixing bottle.
2. Fill the mixing bottle with distilled water up to 15 ml.
3. Add the contents of one Chloride 2 Indicator Powder Pillow swirl to mix.
4. Add the Silver Nitrate Solution drop by drop to the contents of the mixing bottle, swirling the mixing bottle constantly.
Count the drops until the test solution changes from yellow to red-brown in colour.
(One pipette filled to the 1.0 ml equals 15 drops).

Calculation: drops X 30 = Chloride-level (as ppm Cl)

Recommendations for maximum Chloride-level (ppm Cl) at various boiler pressures.

0-15 bar	15-30 bar	30-40 bar	40-60 bar	60-80 bar
200	150	100	50	30

Adjust the Chloride-level by means of blow down and addition of distilled water. The tons/24h blow down can be calculated using the following equation: Blow down (ton/24h)=pcm Cl in make up feed X water added (ton/24h)

max. ppm Cl (see recommendations)

Notes:

- Instead of ppm Cl, the Chloride-level is sometimes express ppm NaCl (sodium chloride)
- maximum chloride level for cooling water is 100 ppm Cl. Adjust or condensate (free of Hydrazine, rust) water.

The details of our products are given completely free of undertaking. Since their application lies outside our control we cannot accept any liability for the results.