

profluid® CorrSet Instructions

All operations should be performed at a place protected from vibrations, mechanical disturbances, direct sun light, excessive heat, and draft for 2 hours. A simple drawer may be the solution.

An aliquot of the liquid should be sampled from a thoroughly mixed part of the metal working coolant reservoir.

1. Take a petri dish from the storage bag. The opened bag should be closed thereafter. Fold the bag and use the supplied clamp to close it as airtight as possible.
2. Take out the small bag with the chips. Place the open petri dish on the bench.
3. Take the small scissors and cut the bag with the chips at the edge with the red mark.
4. Use the pipette to get a sample and eject it into the bag, until the chips are covered by the liquid.
5. Discharge the content of the bag (chips and supernatant) onto the filter in the Petri dish. If necessary, distribute the chips with the edge of the bag. Chips should not be in contact with the dish's border or accumulate. If some chips stick in the bag, cut it open, until the remaining chips drop on the filter. Don't touch the chips, or the filter with your hands.

Reading scheme for the corrosion levels: The reading is approximately accurate to ± 1 level.

7. Close the petri dish and put into a protected place (i.e. a drawer) and leave it for 2 hours.

8. After 2 – 2h 10 minutes remove the circular filter from the Petri dish with forceps, discard the chips and the fibrous support.

9. Briefly rinse the filter with fresh water. Compare the spots on the filter with the scheme (next page). Take a picture for documentation. If you want to store the filter, rinse it with ethanol or acetone, not part of the kit. Be careful these are inflammable liquids. Don't leave vessels with these liquids open.

Store dried filters only.

The waste resulting from the test kit, may be disposed with normal household rubbish. Solvent residues have to be disposed according to the national regulations. Refill sets for the box are available in units of 11 sets, including 11 pipettes.

Storage conditions:

Dry, at room temperature, don't cool

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Corrosion grade 0 shows not a single spot.

