

KIT MOLIBDENO



DESCRIPTION:

Colorimetric test for determining the Molybdenum fluids circulating in heating systems protected with corrosion inhibitors such as FILMAX+Thermakil. Depending on the Molybdenum content is determined by the degree of plant protection.

Sensibility	10 ppm
Measuring range:	10 – 20 – 30 – 40 – 50 – 60 – 70 – 80 – ... 6.000 mg/l Mo
Number of determinations:	6.000 ppm Mo

INSTRUCTION FOR USE:

- Rinse test tube well with the water to be analysed
- Fill the test tube with the water to be analysed until the 5 ml mark
- Add 3 drops Reagent A and stir well for 10 seconds
- Add 3 drops Reagent B and stir well. In the presence of molybdenum the sample becomes pink-red
- Add titrant dropwise (hold bottle top-down) mixing after each addition. Count the drops to the colour change from pink to yellow. Each drop corresponds to 10 ppm Mo.

NOTES:

- More than 5 ppm Fe and more than 3 ppm Cu.
- The test strips are stable up to the date stated on the pack when stored in the closed tube at +15 to +25 °C.
- **Remember that to get a good corrosion protection of the system, the amount of molybdenum present in the water sample should oscillate in a range between 80 and 120 ppm when using Filmax 1 %, between 130 and 170 ppm when using Filmax 2 %.**

PACKAGING:

Each kit consists of:

- 1 bottle 25 ml Molybdenum titrant
- 1 bottle 15 ml Molybdenum indicator
- 1 bottle 15 ml Molybdenum reagent A
- 1 test tube 20 ml
- Instruction for use

Last update: 14.04.2023

