



IWT 310

SCALE INHIBITOR

DESCRIPTION

IWT 310 was developed by Atomes. Main field of application are the treatment of boilers, cooling and process water as well as scale and corrosion prevention in water and wastewater treatment.

IWT 310 is a highly effective scale and corrosion inhibitor

CHARACTERISTICS

Physical form: clear, colorless to yellowish, low-viscous, almost odorless liquid

pH (0.5% solution): ~ 7.00

SCALE INHIBITION

IWT 310 has proved highly effective as a threshold inhibitor. Very low additions (ppm range), i.e. in far less than sub-stoichiometric concentrations (calculated on the hardness of the water), prevent the formation of scale and incrustations, respectively. Even water which is highly over-saturated with hardness constituents such as calcium carbonate remain without scale when **IWT 310** is added. The outstanding effectiveness of **IWT 310** is proofed by a multitude of practically orientated trials, which can be discussed and are available.

CORROSION INHIBITION

Under the conditions found in cooling water, **IWT 310** is a good corrosion inhibitor for carbon steel. In the case of relatively soft water, it is common to combine **IWT 310** with synergistic substances (phosphates, zinc salts). In water of higher hardness or with sufficiently high alkalinity (approx. 300 mg/l or more, calculated as calcium carbonate), **IWT 310** and no inorganic components – known as all-organic formulations – are highly effective.

BENEFITS

- Easy to administer single product
- Prevents corrosion
- Concentrated formula
- Economical & Excellent for scale control
- Simple to test product
- Prevents scale deposition

DOSAGE

The dosage of **IWT 310** will vary depending on plant conditions. Specific recommendations, can be provided by your  representative.