



Doster Sp. z o.o.

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## Product data sheet

Name of preparation: **HYDRO-X**

**Preparation for water treatment in steam boiler systems.**

### Application and properties:

HYDRO-X hampers corrosion processes in steam boiler systems. An anticorrosive effect is many-sided: it has degassing properties (binding of oxygen, carbon dioxide), it stimulates forming of a magnetitic protective layer inside the surface of a boiler system.

HYDRO-X removes boiler limescale during operation, without the need of stoppages. Crumbled boiler limescale is changed into loose, mobile deposit which can be easily removed by desludging a steam boiler.

HYDRO-X also prevents formation of new limescale and water foaming in a boiler, contributing to production of clear and neutral technological steam.

### Dosage:

The preparation is dosed with a dosing pump in a concentrated or diluted form. It is necessary to ensure that the preparation mixed well with water supplied to a steam boiler. The amount of Hydro-X dosage is proportional to the amount of water supplied to steam boilers (return condensate + make-up water after a softening station).

Specific dosage depends on quality of water fed to a boiler. Approximate dosage of the preparation:

- for raw (hard) water - 0.2 litre per 1 tonne of generated steam/ $\sim 1\text{m}^3$  of water fed to a boiler,
- for softened water - 0.04 litre per 1 tonne of generated steam/ $\sim 1\text{m}^3$  of water fed to a boiler,
- for demineralised water - 0.02-0.03 litre per 1 tonne of generated steam/ $\sim 1\text{m}^3$  of water fed to a boiler.

### Technical data:

external appearance	: amber liquid
density for 25°C ( $\text{g}/\text{cm}^3$ )	: $\sim 1.18$
1% solution pH	: $\sim 13.8$
water solubility	: in every concentration

### Impact on the natural environment:

The preparation does not adversely affect the natural environment. Water containing the prescribed doses of the preparation may be discharged to a sewage system.

### Method of use of HYDRO-X:

In the concentrated form HYDRO-X is an irritant preparation. For protection it is recommended to use protective goggles and rubber protective gloves. If the product gets into eyes, rinse them with a large amount of water. Other information about safe handling of the product are contained in its data sheet.

### Storage:

Expiry date: one year from date of production, in original packaging. Protect against frost and direct exposure to sun.

### Packaging:

Plastic containers with the capacity of 25, 200, 1,000 litres.

*Type of a preparation, a dosage method and a size of a dose should be every time consulted with a representative of DOSTER Sp. z o.o.*

Additional information about the preparation may be obtained at +48 32 219 09 20, +48 32 218 81 78.

**The preparation has a data sheet, Certificate of Health Quality and Certificate of the National Institute of Hygiene.**



