

NONOX® NH-500

Oxygen scavenger

NONOX NH-500 is a non-hydrazine oxygen scavenger composed of catalyzed carbohydrazide in boiler water system.

- Non-hydrazine type oxygen scavenger composed of catalyst carbohydrazide and neutralizing amines. Therefore it has not only neutralizing effect for pH of condensate water but also oxygen scavenging effect for feed and boiler water.
- Effectively removes dissolved oxygen from the feed line and boiler in accordance with the follow reaction.

Features

 $(H_2N-NH)_2CO + 2O_2 \rightarrow 2N_2 + 3H_2O + CO_2$

- The reaction velocity fasts in low temperature conditions.
- Does not contribute to inorganic boiler water solids.
- It is intended for use in low and high pressure boiler water systems operating at a pressure in the range of about 5 to 200kgf/m² in heated areas.

How to use

- NONOX NH-500 is continuously injected by metering pump with and without dilution.
- The dosage shall be so adjusted by the consulting of PRIMETECH experts.
- Appearance: Colorless ~ light yellow liquid

Properties

- Specific gravity: 1.02 ± 0.05
- pH (neat): 11.7 ±1.0
- Keep out of reach of children. For industrial use only.

Handling &

Storage

- Harmful if inhaled. Avoid breathing vapors. Keep container closed when not in use. Cause eye injury and skin irritation on direct contact.
- In case of skin contact wash thoroughly with water. If eyes are affected, flush with water and get medical attention.
- Do not use empty containers for drinking water supply.

Packing

20kg/200kg PE Container

