



## BO-460

## Boiler Oxygen Scavenger

Items	Specifications
Form	Liquid
Color	Colorless
PH value	9-11
Composition	Carbohydrazide 12%

### General Specifications

**BO-460 is a high-performance carbohydrazide based boiler water oxygen scavenger that can be used as a direct replacement for hydrazine.**

BO-460 is scientifically formulated to provide outstanding protection from oxygen corrosion together with excellent feed water and boiler system passivation.

BO-460 is an organic corrosion inhibitor used for scavenging oxygen and passivating metal surfaces.

BO-460 is based on carbohydrazide and can be used as a direct replacement for hydrazine in any boiler without the associated safety hazards and handling precautions.

BO-460 is based on volatile chemistry and so contributes no dissolved solids and minimal ammonia to the boiler system.

BO-460 can be used in boilers of any pressure up to 220 barg, and can be fed into feed waters used for spray attemperation. BO-460 can also be used for wet lay up of any boiler and non-drainable superheaters.

**Important** – Please note that BO-460 cannot be used to treat boilers where steam produced will contact food or food products.

### Key Features and Benefits

- High performance carbohydrazide based oxygen scavenger giving outstanding protection from oxygen corrosion, plus feed water and boiler system passivation.
- Improved safety – **a direct replacement for hydrazine.**
- Used in boilers of any pressure up to 220 barg.

### Application and Dosage

Total product dosage for BO-460 is based on the sum of the dissolved oxygen level (22.0 ppm product per ppm oxygen) and the required product residual (1.0 ppm product per ppm residual).

The residual range for BO-460 should be controlled between 0.8 and 1.2 ppm as the product. The test is a feedwater control test and is not applicable to blowdown samples.

Feed this product neat. Diluting oxygen scavengers will cause loss of oxygen-scavenging ability.

Diluted solutions of the product may not be stable.

Feed BO-460 continuously.

### Packing

**BO-460** is available in 200 kg barrels.

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