



IWT 400

CORROSION INHIBITOR

RETURN LINE TREATMENT

APPLICATION

IWT 400 is a concentrated blend of three neutralizing amines designed to provide complete protection against carbon dioxide attack across a range of different pressures, within the steam/condensate system. By combining three neutralizing amines, with a weighted distribution ratio of 1.5, it is possible to both minimize the amount of amine required to protect the steam/condensate system and at the same time maintain good condensate pHs. This product should not be used where the steam will contact either milk or milk products.

BENEFITS

- Easy to administer single product
- Highly concentrated formula
- Uniform system pH
- Protects against carbonic acid attack
- Synergistic three amine combination
- Suitable for use in high pressure plant

DOSAGE

The dosage of IWT 400 will vary depending on the amount of carbon dioxide in the steam/condensate due to condensate recycle and feedwater quality. The IWT 400 feedrate should be adjusted to give a minimum condensate pH 8.3. In plants where the steam contacts food, the dosage may be controlled by the level of amine in the steam and this can result in a condensate pH below 8.3. Specific recommendations can be provided by your Atomes representative.

FEEDING

Continuous feed is recommended in order to maintain a uniform condensate pH and hence minimize corrosion rates. **IWT 400** may be fed to feed water, steam lines or directly to boiler.

PRODUCT SPECIFICATIONS

Specific gravity: 0.94
pH: 13.0-13.5

Freezing point: -24°C
Flash point: 45°C

Odor : Amine
Appearance: clear to yellow liquid