

HYDRO 588

ALKALINITY CONTROL COMPOUND & NEUTRALIZING CLEANING CHEMICAL

Description

Maintaining correct alkalinity in boiler water treatment. Especially suitable for Hydro 455, Hydro 415 in conjunction with dispersant chemicals (Hydro 377), and to be used after acid cleaning for neutralizing.

Features

Hydro 588 is highly alkaline allowing correct P & M alkalinity value to be maintained.

Hydro 588 has a high solubility.

Properties

Appearance	Colorless
Specific Gravity	1.45 - 1.50 at 20 °C
pH 10%	12.0 – 14.0

Direction for use

The quantities of **Hydro 588** to be added with Hydro 455/Hydro 415 will depend on water condition.

Pints of **Hydro 588** required :

0,09 pints/1,000 gallons of make up/ppm alkalinity required will be calculated for you by your **Hydro-Chem** Representative.

Hydro 588 should be added with Hydro 450 or Hydro 410, together with Hydro 377, directly into boiler drum, or into feed line just prior to entry into boiler drum.

Sufficient **Hydro 588** need to be added, so that ;

P Alkalinity : 160 – 320 ppm as CaCO₃
M Alkalinity : 250 – 500 ppm as CaCO₃
And ratio of P/M is approximately :0.6 – 0.7

Recommended Product Use

On Acid Cleaning : **Hydro 588** is used on 2 % concentrate, after rinsing is done. Circulate for 1 – 2 hours, make sure the pH = 8.00 (if less, add more **Hydro 588**)

Precautions

The material is strongly alkaline. Goggles and protective clothing should be worn on handling it. If splashed with this product, the affected area should be washed with copious quantities of cold water and needed medical aid sought.

Packaging

Hydro 588 is shipped from manufacturing locations in 35 kg plastic containers or 300 kg/drum

Regulatory Status

Hydro 588 complies with FDA regulations (21 CFR 173.310) for boiler water additives used in the preparation of steam that will contact food.

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