



## HC-322 Acrylic acid /Sulfonic Acid/Hydroxypropyl Terpolymer

This product is a newly-developed product, and has been put into batch production. Its features are:

It has better anti-scaling property for calcium phosphate.

It could complex with zinc chloride to 10%, and won't have sediments of zinc salt under high pH and high alkali water solutions.

It could replace the other T-225 and other similar products, and could be complexed as S-113 to be used in Medium-hardness water, and can improve the corrosion inhibition rate of this agents.

Properties:

The product shows excellent inhibition effect for calcium phosphate scales and good dispersing effect for  $Fe(OH)_3$  and  $Zn(OH)_2$  under higher pH.

### Applications:

It can be used as dispersant in pour-cooling water in iron and steel plants, and also used together with organic phosphonate and zinc salts in circulation cooling water with high hardness and high alkalinity.

### Properties:

Appearance	Colorless or pale yellow viscous liquid
Typical active content:	$\geq 30\%$
Specific gravity at (20°C)	$\geq 1.28$
pH , 1% solution at 25°C	$\leq 3.5$
Iron, ppm	/
Chloride, %	/
dl/g limiting viscosity ( 30°C )	0.055 - 0.100

### Packing:

250kg per PE drum

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