

TH-628 Scale and Corrosion Inhibitor

Properties:

TH-628 is composed of organophosphine acid, polycarboxylic acid, sulfosalt copolymers and thiazole. It can chelate and disperse calcium carbonate and calcium phosphate scales. TH-628 has good scale inhibition effect on steel & iron and copper. TH-628 can be operated under high concentration index in power plant, chemical plant and central air conditioner.

Specification:

items	index
Appearance	Light yellow or light brown liquid
Solid content, %	30.0min
Total phosphoric acid, (as PO_4^{3-}) %	15.0min
Thiazole (as $\text{C}_6\text{H}_4\text{NHN}$: N)	2.0min
pH, (1% water solution)	2.5 ± 1.0
Density 20°C(g/cm ³)	1.10min

Usage:

Add TH-628 into plastic pool (or box) every day, dilute with water and continuously add into inlet of dosage pump or metering valve (outlet of collecting tank). The dosage of 5-20ppm is preferred.

Package and Storage:

25kg or 200kg in plastic barrel, or confirmed by clients. Storage for ten months in room shady and dry place.