

## TH-619B Scale and Corrosion Inhibitor

### Properties:

TH-619B is composed of organophosphoric acid, polycarboxylic acid, sulfosalt copolymers, copper corrosion inhibitor, special surfactant, etc. The organophosphine acid forms protection membrane and brings corrosion inhibition on metal surface. TH-619B has good chelation and lattice distortion effect on calcium carbonate, calcium sulfate and calcium phosphate. Through rational prescription, TH-619B has good synergistic effect, with high corrosion inhibition ratio, high temperature tolerance, high scale inhibition ratio and not easy to degradation.

### Specification:

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Appearance	Amber transparent liquid
Solid content, %	30.0min
Total phosphoric acid, (as $\text{PO}_4^{3-}$ ) %	8.0min
pH, (1% water solution)	$2.0 \pm 1.0$
Density 20°C (g/cm <sup>3</sup> )	1.10min
Thiazole (as $\text{C}_6\text{H}_5\text{N}_3$ )	1.5min

### Usage:

Add TH-619B 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 5-30ppm is preferred.

### Package and Storage:

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