

KR-682 Scale and Corrosion Inhibitor for low hardness water

Product Features

KR-682 Scale and Corrosion Inhibitor is built with surfactant, dispersant, corrosion inhibitor, etc. KR-682 Scale and Corrosion Inhibitor is suitable for system using soften water and other low hardness water as cool media. Because there are little contents of Ca^{2+} and Mg^{2+} ions in soften water, scale can't be formed. Many corrosion inhibitors use Ca^{2+} and Mg^{2+} ions in water system to form protection membrane on metal surface, but there are little contents of Ca^{2+} and Mg^{2+} ions in soften water, the corrosion inhibition is a difficult question for soften water system. Through experiments, we develop this greenish scale and corrosion inhibitor for soften water system. KR-682 Scale and Corrosion Inhibitor is a composite corrosion inhibitor by inhibition of metal polarization. KR-682 Scale and Corrosion Inhibitor has no contents of such noxious subjects as nitrite and chromate, no pollution to environment, its corrosion ratio to carbon steel far lower than that of national standard.

Technical Specification

Parameter	Standard
Appearance	yellow transparent liquid
Solid content, %	30.0min
pH(1% water solution)	3.0 ± 1.5
Density (20℃), g/cm ³	1.20 min

Applications & Usage

Add KR-682 Scale and Corrosion Inhibitor 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 30-70ppm is preferred.

Package & Storage

25L Drum	200L Drum	1000L IBC	ISO Tank
			
Storage for 10 months in shady room and dry place.			

Hazard & Safety Precaution

Hazard Information	Safety Precaution
Not regulated	  
Weak acid, avoid contact with eye and skin, once contacted, flush with plenty of clean water.	