

KR-400 Phosphino Carboxylic Acid Copolymer



Product Features

KR-400 Phosphino Carboxylic Acid Copolymer is a multifunctional deposit control agent, has been developed as a calcium phosphate and calcium carbonate inhibitor and a multifunctional, formulation support agent in industrial water systems.

KR-400 Phosphino Carboxylic Acid Copolymer is not affected by chlorine or other oxidizing biocides under normal use conditions. Formulations with KR-400 Phosphino Carboxylic Acid Copolymer provide: Phosphate inhibition/dispersancy and phosphonate stabilization, Iron oxide dispersancy, Calcium carbonate inhibition, Zinc stabilization.

Technical Specification

Parameter	Standard
Appearance	Clear colorless to pale yellow liquid
Solid content, %	50.0 min
Density (20℃), g/cm ³	1.21-1.26
pH (as is)	2.0-3.0
Viscosity(25℃), cps	250-550

Applications & Usage




Scale inhibition in open recirculating cooling circuits (CaCO₃ scale in particular), dispersant for boiler sludge control.

Oil field water treatment for preventing scale in both formation and production equipment. The dosage of 10-30mg/L is preferred when use alone.

Package & Storage

25kg Bag	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	  
Once contacted with eye and skin, flush with plenty of clean water.	

Alternative Name / Synonyms

- KR-400;
- Phosphino Carboxylic Acid Copolymer;