

METHOD FOR PROCESSING COOLING WATER SYSTEM

ABSTRACT

A method for treating a cooling water system comprises adding, in a cooling water system
5 having calcium hardness of 250 mg/L or less as CaCO_3 , a treatment agent containing a
(meth)acrylic acid-based copolymer. The (meth)acrylic acid-based copolymer comprises a
structural unit (a) derived from a (meth)acrylic acid-based monomer (A) represented by the
following general formula (1) and a structural unit (b) derived from a specific (meth)allyl
ether-based monomer (B) represented by the following general formula (2), a content of the
10 structural unit (b) is 1 to 15 mol% relative to 100 mol% of structural units derived from all the
monomers, a weight average molecular weight of the (meth)acrylic acid-based copolymer is
7,000 to 28,000, and at least one of the main chain terminals of the (meth)acrylic acid-based
copolymer is a sulfonic acid group or a salt thereof.

15 No suitable figure