



## **MAINTENANCE GUIDELINES FOR WEBEX HEAT TRANSFER ROLLS**

Webex Double-walled, Spiral Baffled Heat Transfer Rolls are custom designed for your specific web application. With proper care, they will perform to specifications for many years.

Proper care includes periodic maintenance to minimize the mineral scale build-up from untreated water that has lost some or all of its ability to defend against attack. If left unattended, the fouling caused by build-up will restrict the fluid flow and insulate the I.D. of the outer shell, thereby adversely affecting the amount of heat transfer that the roll can perform.

The schedule for cleaning rolls varies with the condition of the water or fluid. In areas that have hard water, water with high acidity, or water with high solids content, Webex recommends that the rolls be cleaned once every 6 months. Installations that employ a closed-loop system, and/or use a 50-50 water/ethylene glycol mixture should be cleaned every 12-16 months. Experience will dictate frequency of maintenance.

Webex Heat Transfer Rolls can be cleaned by use of an acid solution. These solutions often include rust inhibitors as well. Most rolls are manufactured of carbon steel; therefore respond well to acid cleaning without damaging any internal parts.

Most acid cleaning solutions employ a pump-through method by preparing the solution in a drum and running through the roll by means of a recirculating pump. Follow the manufacturer's directions carefully. If more than one roll is to be cleaned at the same time, do not pump the solution through more rolls unless a filter is used between rolls to screen out any solids, scale, etc.

Some of the makers of acid cleaning solutions and their products are:

Ohio Valley Chemical Corporation  
2908 Spring Grove Ave  
Cincinnati, OH 45225  
888-541-6526  
[www.oliverchemical.com](http://www.oliverchemical.com)

RID-LIME

Chemetall Americas  
675 Central Ave.  
New Providence, NJ 07974  
877-941-3800  
[www.chemetallamericas.com](http://www.chemetallamericas.com)

OAKITE 32  
OAKITE 131  
OAKITE DYCID