

Improving Effects of Antifoam in Paper Mill

CASE
STUDY:

CLIENT PROFILE

A leading paperboard distributor that prides itself on having all products made from 100% recycled material. The company produces more than 70,000 tons of paperboard annually. Its products are used in many different industries, including paper boxes, game boards, puzzles, book covers and tablets.

OPERATIONAL CHALLENGE

The company was spending close to \$100,000 annually on antifoam, but was not getting the desired results. They were looking for a more cost-effective option that would help to reduce the amount of antifoam needed throughout the year.

CHEMICAL SOLUTION

Kroff Chemical Company, Inc. developed a way for the company to limit the totes of antifoam stored to a maximum of two, much less than the previous amount of 10. This greatly reduced the plant's chemical footprint.

After this two-month project, Kroff Chemical enabled the company to run much more efficiently because it no longer needed to slug feed as much antifoam to knock out the foaming that is associated with running a paper mill.

BOTTOM-LINE RESULTS

Kroff Chemical was able to change the way the antifoam feeding is accomplished, resulting in the usage of two less totes of antifoam per month for the company. Kroff Chemical estimates this will save the paperboard company \$15,000-\$20,000 annually.



Kroff Chemical Company, Inc. provides custom-blended chemicals and specialty services that improve clients' critical water and process system performance, which helps maximize efficiency of operations and lower costs of operation.

Kroff Chemical's services focus on energy efficiency, regulatory compliance, waste minimization and water reuse, fully automated and integrated chemical applications, and a safety-conscious approach.

With the support of Kroff Chemical Company, Inc., facilities operate with less staff, but they operate safely, efficiently and profitably. Clients focus more on their core competencies and look to Kroff Chemical Company, Inc. to treat, operate and maintain their critical water and process systems.