

\$222,544
SAVINGS AFTER YEAR ONE

\$1,112,723
SAVINGS AFTER FIVE YEARS

CHALLENGE:
Inability to lubricate

SOLUTION:
ANSI O-Ring Chain

 the CHALLENGE:

Due to the inability to lubricate, a top can manufacturer was experiencing extremely limited wear life on its crimping machine. The chain needed to be replaced every six weeks, costing around \$30,000 for every downtime instance. When a chain does not have access to regular lubrication it causes excessive stress on the pin and bushing joint, significantly decreasing the expected wear life.



 the SOLUTION:

To solve the issue, Diamond Chain recommended its premier O-Ring chain. O-Ring chains are constructed with polymer o-rings at each pin end to seal in initial lubrication and keep contaminants out. O-Ring chains are ideal for applications that don't allow frequent lubrication or re-lubrication, and for applications that involve a lot of dust, dirt, sand, or other immobilizing debris. In this instance, since the can manufacturer is unable to re-lubricate its chain at all, the O-Ring chain provides the ability for the chain to keep its initial lubrication for an extended period of time. O-Ring chain wear life can be extended further by lubricating the chain on a regular basis with any standard lubrication system.

 the RESULTS:

After switching to Diamond Chain's O-Ring chain, the can manufacturer's wear life was up from 6 weeks to 31 weeks. They saw a savings of \$222,544 after one year, and will see a savings of \$1,112,723 after five years.