

DIAMOND ACE[®] PLATED CHAIN DOUBLES WEAR LIFE

CHALLENGE ▼

A leading manufacturer in the automotive industry was experiencing issues with its component heat treating line. At the end of the treatment, all components are dipped into quench tanks to cool them down. Unfortunately, this process caused their current chain to rust and develop tight joints, which led to replacement within six weeks of use.

SOLUTION ▼

The automotive manufacturer selected Diamond’s anti-corrosion exterior (ACE) plated chain as a solution for this application. Diamond ACE[®] Chain has an electrically bonded, protective exterior plating which is an ideal solution for chain used in high moisture environments. All component parts are thoroughly treated, preventing internal rust from seeping out and causing contamination. Diamond also includes a protective lubrication to provide corrosion protection and extended wear distance.

The proprietary plating serves as a barrier to preserve the chain’s physical and structural integrity, as well as providing superior protection against water, salt water and humidity. Even with the constant quench tank baths, the automotive manufacturer experienced amazing results: Using Diamond ACE Chain doubled the life of the chain, saving them significant time and money.

RESULTS THAT MATTER ▼

With a switch to Diamond ACE Chain, this manufacturer would see an increase of six weeks of service life in addition to purchase cost savings of \$21,300 per year.



Chain Life
Doubled
Annual Savings
\$21,300