

DURALUBE® LIVE CHAIN OVERCOMES COLD FACTS OF FREEZER MALFUNCTION

CHALLENGE ▼

A premium U.S. ice cream producer was experiencing problems on one of its conveyor lines. The line in question uses tandem chains to transport packaged and shrink wrapped cases of frozen ice cream into a freezer for short term storage before shipment. Due to the nature of the product, the ice cream producer was unable to lubricate this line, causing the tandem chains to elongate, unevenly.

SOLUTION ▼

To solve the issue, Diamond recommended its food grade Duralube LIVE chain. Duralube LIVE is a reduced maintenance chain designed specifically for low speed, low ambient temperature, clean environments. Lubricant is impregnated into a powdered metal bushing and is released during service providing supplemental lubrication to the pin/bushing joint. Food grade Duralube LIVE chains are ACE (Anti-Corrosion Exterior) coated and include a food-grade lubricant rated for incidental contact.

RESULTS THAT MATTER ▼

Factoring in downtime and replacement costs, the switch to Diamond Duralube LIVE food grade chains saved the ice cream producer \$24,800 after one year, and is estimated to realize \$157,700 in savings over five years.



Chain Life
+6 Weeks
Annual Savings
\$24,800

