

DIAMOND® DURALUBE® LIVE FOOD GRADE CHAIN DELIVERS SWEET SUCCESS TO CANDY MANUFACTURER

CHALLENGE ▼

A candy manufacturer, renowned for its saltwater taffy, was experiencing problems with its conveyor systems which were driven by various sizes of roller chains, including 50-1R, 60-1R, and 80-1R. These applications required regular washdowns. The company had previously relied on a competitor's stainless steel chains but were experiencing significant operational challenges: chains seizing due to inadequate lubrication, elongation and wear compromising chain durability and efficiency, plus increased maintenance costs and downtime.

SOLUTION ▼

The Diamond-Drives team worked with a major distributor to evaluate the application and devise a solution. They conducted site visits, collaborated with engineers to select suitable chain products for the washdown application, and trained the manufacturer's team on failure analysis, alignment and tensioning. Finally, they replaced the chains with Diamond® Duralube® LIVE Food Grade chains which use a special H1 food-grade lubricant rated safe for incidental food contact and Diamond ACE® (Anti-Corrosion Exterior) coating which provides additional protection against moisture and corrosion.

RESULTS THAT MATTER ▼

The collaboration between the manufacturer, the distributor, and Diamond-Drives successfully addressed chain performance issues. Installing Duralube LIVE Food Grade chains and providing specialized training resulted in cost savings of \$68,200 over two years, provided 4X longer chain life and improved operational efficiency by reducing downtime and maintenance. Customer trust was realized with an immediate secondary order placement.



LONGER CHAIN LIFE	SAVINGS OVER 2 YEARS
4X	\$68,200