

# Corrosion resistant solution saves ice cream plant over \$500,000

## The challenge

When an ice cream plant reported that they stopped production every year to change bearings in their hardening tunnels, we knew there had to be a better way. Due to extreme moisture and temperature swings, the bearings required frequent replacement, translating to \$80,000 in additional maintenance costs per year.

## The solution

SKF and our distributor partner provided a food-safe solution designed to increase the bearing service life to at least four years and achieve significant cost savings. This new engineered hub kit for the hardening tunnel included SKF Hybrid ceramic ball bearings with high nitrogen corrosion resistant (HNCR) technology, low-temp food grade SKF Solid Oil, machined seals and snap rings.



The corrosion resistant solution eliminated air and moisture pockets and protected the hub assembly.

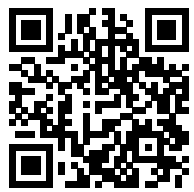


## The result – increased production and over \$500,000 cost savings!

Together, SKF and our distributor partner provided the ice cream plant with an innovative, corrosion-resistant solution that is projected to increase bearing service life to four+ years. This extended service life will lead to increased production and an **impressive cost savings of over \$500,000.**



*This food-safe engineered hub solution is designed for superior corrosion resistance, longer fatigue life and significantly improved reliability. These innovative bearings are ideal for applications in freezing, abrasive, wet and corrosive environments.*



Learn more

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