

case study Snack manufacturer reduces costs & downtime with SKF Fryer Bearing Units

Brammer
Buck &
Hickman

A RUBIX
Company



Specialist SKF
Fryer Bearing
Units



Cost Savings
of £7,500



Increase in
Bearing Life



Food and drink manufacturers are faced with strict health and safety regulations which often require the use of specialist products for compliance and for long life in these demanding environments. When commercial fryers are involved, the demand placed on components is even greater, as can be the failure rate.

One of the UK's leading crisp and snack food manufacturers, and a Brammer Buck & Hickman customer, was all too aware of this issue.

Frying Process Impacts Bearing Life

The customer was facing frequent bearing failure in its fryers due to the hot, oil vapour filled environment which caused them significant losses due to downtime and repair work. A Brammer Buck & Hickman team

surveying the issue presented them with an alternative to the existing bearings they were relying on, in the form of SKF Fryer Bearing Units.

Special Challenges Require Special Solutions

These specialist bearings have been specifically developed by SKF to provide optimum performance in challenging environments with extreme temperatures. Using a special high-temperature PEEK-material cage design, along with stainless-steel bearing components, the SKF Fryer Bearing Units are very durable. They are also highly innovative, allowing cooking oil to enter the bearing and act as a lubricant while simultaneously preventing contaminants from entering the process.

Downtime Reduced, Longevity Increased

The new SKF Fryer Bearing Units have made a considerable difference

for the crisp and snack food manufacturer. The life of the new bearings is in excess of 16,000 hours, which represents a significant gain. What's more, the new bearings do not need to be relubricated after each caustic boil out, which reduces maintenance and lubrication costs.

The SKF solution put forward by Brammer Buck & Hickman has resulted in reduced downtime, trouble-free operation without frequent service intervals and improved productivity. When all associated costs have been taken into account, the manufacturer has made savings worth £7,500.

