



Case Study - Bakery Chain & Tortilla Oven Lube

Application

IKV Lubricants has been a leader in the field of high performance lubricants for many years & has met the increasing demands for tribological products that meet the requirements of the industries OEM's. IKV's strategy consists of continuous research and on-going development supporting the industries design engineers by offering innovative tribological solutions. Our customer required a food approved chain oil that would allow use at over 220°C on the flight chains in tortilla ovens.



Application Requirement

- The customer required an NSF H1 food approved chain oil for use at over 220°C on the flight chains in the tortilla ovens.
- Load resistant
- High temperature capability >220°C
- Useable in the existing auto lubricator

We carry a full range of products for food applications where high temperatures and NSF H1 approval is required.

ABOUT BESLUX CHAIN 3020 ATOX

BESLUX CHAIN 3020 ATOX is a high technology, fully synthetic food grade oil which was formulated specifically for chains.

BESLUX CHAIN 3020 ATOX offers high performance lubrication at very high temperatures with minimum formation of residue. It can be used in an automatic lubrication system or manually applied using a pump spray or brush.

BESLUX CHAIN 3020 ATOX is intended for use in temperatures up to 240°C and has excellent non-dripping properties & superior adherence.

Other bakery chain lubricants for similar, high temperature bakery ovens (naan breads, flat breads) include our **IKV-TRIBOCHAIN 150 HT**.

IKV-TRIBOCHAIN 150 HT is a special synthetic ester oil which does not form coking residues when subjected to high temperatures. It offers extremely low evaporation rate even when working in the temperature range of 200°C to 260°C.

Its excellent resistance to oxidation and extremely well balanced additive package also make it very stable in a large range of temperatures and helps avoid lacquer residues at high temperatures.

The customer found that with the IKV oils less re-lubrication was required as less oil was needed. They experienced less production downtime and chain failure (chain replacement typically costing in excess of £25000). Overall the saving was 3 persons x 8 hours labour and minimum of 1 shift downtime was saved.