# Case Study - Abattoir and Food Plant Lubrication

## 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.
Our customer required a food approved required a flexible grease which could be used on the various machines on the production line from feather plucking and vent cutter to the fillet machine.
The customer was struggling to find a lubricant which was food approved ***AND*** resistant to the extreme cleaning requirements of various parts of the production line. All the machines in this plant are now lubricated with ***BESLUX ATOX H-2/3***

## Application Requirement

- The customer required an NSF H1 food approved lubricant for use on a variety of food production machines.
- Load resistant
- Water resistant
- Wide temperature range -40 to 180°C.
- Flexibility - for use on a variety of machines

## *ABOUT BESLUX ATOX H2/3*

***BESLUX*** **ATOX H-2/3** is an adhesive grease formulated from a special complex soap that has a great affinity with metals, a combination of synthetic oils with a high viscosity index, carefully selected additives and white solid lubricants. This formulation gives it excellent lubricating properties & load bearing capacity.

Excellent thermal stability ensures constant use of 180°C with peaks of up to 200°C. It is also very capable at low temperatures down to -40°C and has excellent resistance to water, acids and diluted detergents as well as exceptional corrosion protection.

***BESLUX*** **ATOX H-2/3** is a lubricant composed of elements that appear on the list published by the Food and Drug Administration (FDA). It has also obtained the **NSF H-1** approval, and is therefore useable for the lubrication of all mechanisms that require the use of a non-toxic lubricant in the event of contact with foodstuffs.

***BESLUX*** **ATOX H-2/3** is a very long-lasting grease suitable for all bearings, joints, chains, open gears, conveyors, runners, tap & pump systems with water, heavy loads and extreme temperatures. It is suitable for many uses encountered in the food, marine, steel, automotive and pharmaceutical industries.



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