
Case Study

A/S Bryggeriet Vestfyen

CERAMICSPEED

More than 4 times increase in bearing life - and still running

With a long history dating back in 1885, today A/S Bryggeriet Vestfyen is Denmark's fourth largest brewery. It produces many liters of beer and soft drinks on a daily basis, for Danish consumers as well as an increasing export market.

Problem

The bearings rotating the filler heads of the capping machine run under the most difficult of environments. They are submitted to continuous accelerations due to the function of the machine. Furthermore they are drenched in the sugary products and washed down with aggressive cleaning agents daily.

Solution

CeramicSpeed Corrotec bearings are made from stainless steel rings, premium-quality ceramic balls, sealed and lubricated for life with a dedicated food-grade lubricant. In other words, the CeramicSpeed bearings are customized exactly for this machine and this customer.

The physical properties of the ceramic balls make them interact with the bearing rings in an optimum way. They are 2.3 times harder than steel balls and extremely resistant to any otherwise corrosive media.

Result

After changing to CeramicSpeed, the bearings life has been increased more than 4 times - and they are still running without any problems. A/S Bryggeriet Vestfyen has therefore reduced its downtime as well as maintenance costs.

Technical Highlights

- Suitable for harsh environments with water, sugar and cleaning agents.
- Running pattern with frequent accelerations
- Demand for FDA-approved materials and lubricants.

