
Customer Case

Can You Make a Bearing Run Without Grease?

CERAMICSPEED

Improving Efficiency in Aluminum Can Production

At CeramicSpeed, we're dedicated to helping our customers overcome their toughest challenges. One recent success involved a global aluminum can manufacturer facing significant production issues.

The Challenge:

Mandrels in their painting line were plagued by compromised bearing lubricant caused by aluminum particles from a vacuum environment. This led to accelerated bearing wear, shorter service life, and quality claims from their customers due to surface contamination before painting.

The Solution:

CeramicSpeed Xtreme 025 6205 2RZ/CSB.C3 PEEK bearings with SlipCoat coating were the optimal choice for a revolutionary bearing solution with:

- FDA approval
- Temperature stability from -20°C to 260°C
- No oil droplets during operation

The Results and Gains:

- 9 months of continuous operation with significantly longer service intervals.
- Reduced downtime and risk of claims.
- A proven solution for an issue that had plagued existing machinery for years.

Our Support:

With this collaboration, you not only reduced risk but also improved operational efficiency, ensuring that your production line runs smoothly for longer. Are you interested in eliminating a quality risk and reducing downtime on can painter applications? Contact us at industry@ceramicspeed.com.

