

# NEWSLETTER



## PUTTING POLYMERS TO THE TEST: ENSURING THE RELIABILITY OF NON- METALLIC SELF-LUBRICATING BEARINGS

Non-metallic self-lubricating bearing materials, like the Thordon SXL elastomer and ThorPlas-Blue thermoplastic are essential to many Industrial applications due to their reduced friction, corrosion resistance, and low maintenance. To ensure these materials perform reliably, rigorous testing is crucial. This blog explores the comprehensive testing methods used to evaluate these materials, ensuring they meet demanding application requirements.

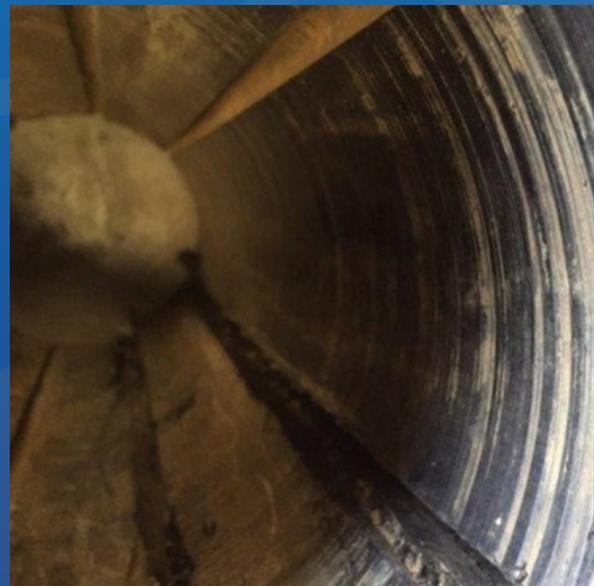
[More Info](#)

## TECH TIPS

### (NOT) CRACKING UNDER PRESSURE: UNVEILING MECHANICAL AND THERMAL FAILURES IN NON- METALLIC BEARINGS

Non-metallic self-lubricating bearing materials, primarily made from various polymers such as Thordon SXL and ThorPlas-Blue, are valued for their durability and low maintenance. However, understanding their mechanical and thermal failure modes is crucial for ensuring their long-term reliability.

[More Info](#)



**CONTACT MILLSTREAM FOR HELP WITH YOUR INDUSTRIAL APPLICATION!**

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## TECH TIPS

### SURVIVING THE ELEMENTS: MITIGATING ENVIRONMENTAL FAILURES IN NON-METALLIC SELF- LUBRICATING BEARINGS

Non-metallic self-lubricating bearings, primarily made from polymers, are designed to withstand various operational stresses. However, environmental factors such as chemicals, UV exposure, and moisture can impact their performance and longevity. This blog will explore common environmental failure modes and effective mitigation strategies to ensure these materials thrive in harsh conditions.

[More Info](#)

## A MONTH IN THE FIELD

### TRADESHOW BUZZ, BEARING INVESTIGATIONS, AND SOME MOUNTAIN BIKE "DOWNTIME"?

The month started strong with a visit to Niagara Falls to exhibit at the Ontario Water for the Future conference & tradeshow, jointly hosted by the Ontario Water Works Association (OWWA) and the Water Environment Association of Ontario (WEAO). This tradeshow is a mecca for industry professionals in the Water and Wastewater industry, offering a platform to explore the latest innovations in machinery and equipment.

[More Info](#)



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