

## **"Camshaft and Lifters Letdowns, Bombs, and Flops" by Elgin Industries**

Elgin Industries recently hosted an insightful webinar titled "Camshaft and Lifters Letdowns, Bombs, and Flops." The session, led by Scott Stier, Aftermarket Sales and Technical Manager at Elgin Industries, provided valuable information on common issues related to camshaft and lifter performance, along with practical solutions and industry trends.

Scott Stier began the webinar by reflecting on the recent LS Fest at Texas Motor Speedway, where Elgin Industries showcased their latest commercial on the world's largest TV screen. The event underscored the brand's commitment to performance and innovation in the automotive industry.

### **Addressing Performance Issues**

The primary focus of the webinar was to tackle the increasing concerns regarding camshaft failures. Stier noted a significant rise in inquiries about camshaft issues, ranging from break-in failures to long-term wear and tear. He emphasized that while Elgin products maintain high standards, the industry has seen an uptick in general failures, which can be attributed to a variety of factors.

### **Communication and Perception in the Industry**

Stier highlighted the role of communication in shaping perceptions about product reliability. The internet and forums can often amplify issues, sometimes leading to a skewed view of product performance. He likened this to an old game of telephone, where the message often gets distorted as it spreads. Stier assured attendees that while there are indeed failures, there is also a wealth of high-quality products available in the market.

### **The Role of Oil Quality**

A critical point raised during the webinar was the impact of oil quality on camshaft performance. Stier explained that changes in oil formulations, particularly the reduction of zinc and phosphorus (ZDDP) levels, have affected the protective qualities needed for flat tappet camshafts. He recounted personal experiences from his early career in a machine shop, where premature camshaft failures were traced back to these changes in oil composition.

### **Quality Control and Global Sourcing**

Elgin Industries' commitment to quality control was another key topic. Stier discussed how the company sources components globally but ensures that all products meet stringent quality standards. During the COVID-19 pandemic, Elgin Industries chose to halt the supply of lifters rather than compromise on quality, highlighting their dedication to providing reliable products.

### **Future of Performance Parts**

Stier concluded by discussing the future of performance parts, emphasizing the ongoing "golden age of horsepower." He pointed out that advancements in engineering and manufacturing have led to better performance and reliability, with a favorable cost-to-horsepower ratio. Stier's goal was to bridge the gap between highly technical engineering knowledge and practical insights for enthusiasts and professionals alike.

### **Interactive Q&A**

Throughout the webinar, attendees were encouraged to ask questions, mimicking the dynamic of a trade show. This interactive approach ensured that the audience could engage directly with the technical expertise presented, making the session highly informative and practical.

Elgin Industries continues to be a trusted name in the automotive aftermarket, dedicated to innovation and quality. The webinar is a testament to their commitment to educating and supporting their customers, ensuring they get the best performance from their vehicles.

[Watch the full webinar here.](#)