

The Benefits of Daido Main Bearings with Robert Yates Racing Engines

EPARTRADE continued its acclaimed *Race Industry Now* webinar series with a deep technical session titled “**The Benefits of Daido Main Bearings with Robert Yates Racing Engines**”, featuring **Dustin Kull, Account Manager – Racing and Aftermarket at Daido Metal**, and **David Hamm, Head Engine Builder at Robert Yates Racing Engines**, moderated by **Brad Gillie of SiriusXM Ch. 90, Late Shift**.

Advancing Bearing Technology

Dustin Kull opened the session by outlining Daido Metal’s long-standing expertise in high-performance bearing solutions. He explained how modern racing engines face increasing demands—higher RPMs, extreme loads, and tighter tolerances—and why main bearings play such a critical role in reliability and performance. Kull emphasized Daido’s use of advanced metallurgy, precision manufacturing, and coatings designed to minimize friction and wear, ensuring engines run cooler, last longer, and perform at peak levels.

Real-World Application at Robert Yates Racing Engines

David Hamm provided firsthand insight into how Daido bearings are applied in championship-winning builds at Robert Yates Racing Engines. He detailed the challenges of maintaining bearing integrity under extreme race conditions, and how Daido’s engineering has directly contributed to durability and consistency. Hamm shared that the team’s trust in Daido comes not only from the technical data but from years of proven results on track, from NASCAR to high-horsepower custom racing applications.

Collaboration and Innovation

Both speakers highlighted the importance of collaboration between suppliers and engine builders. By working closely together, Daido and Robert Yates Racing Engines continuously refine designs and materials, ensuring that engine builders can push limits without sacrificing reliability. This partnership exemplifies how technology providers and race teams drive innovation across the industry.

Key Takeaways for the Racing Community

- **Material Science Matters:** Daido’s advanced alloys and coatings reduce friction and extend bearing life.
- **Proven on Track:** Robert Yates Racing Engines relies on Daido bearings for their consistency under extreme racing conditions.
- **Partnership-Driven:** Continuous dialogue between manufacturers and engine builders results in better solutions for the entire motorsports community.

About Daido Metal

Daido Metal is a global leader in the development and production of high-performance engine bearings. With decades of experience in both OEM and racing applications, Daido brings cutting-edge solutions to the motorsports industry worldwide.

About Robert Yates Racing Engines

Founded on a legacy of innovation and racing success, Robert Yates Racing Engines is synonymous with horsepower and reliability. Their engines power some of the most competitive teams in motorsports, combining technical excellence with championship-winning performance.

For more information, [watch the full webinar here.](#)