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#### **How does Shriram Pistons & Rings align its innovation strategies with sustainability goals to meet evolving demands of the auto industry?**

##### **Driving Innovation and Sustainability**

Shriram Pistons & Rings (SPR) seamlessly blends innovation with sustainability by leveraging cutting-edge manufacturing technologies and eco-conscious practices. The company prioritizes R&D to design lightweight, durable and energy-efficient products like low-friction pistons and advanced engine components, enhancing fuel efficiency, reducing oil consumption and reducing carbon footprints.

Aligning with stringent emission standards such as BS-VI, SPR partners with global OEMs to support the transition toward cleaner mobility. Its sustainable operations focus on renewable energy utilization, resource optimization, and waste reduction, demonstrating a commitment to minimizing environmental impact.

Furthermore, SPR explores advanced materials and processes tailored for electric and hybrid vehicles, reinforcing its role in the shift



## **SHRIRAM PISTONS & RINGS**

to greener transportation. With a comprehensive approach to sustainability and innovation, SPR addresses the evolving demands of the automotive sector while actively contributing to a cleaner, more sustainable future. Company has been continuously evaluating and investing in newer technologies ahead of time to cater to the needs of Automotive market.

#### **How is SPR leveraging digital transformation to enhance product development and manufacturing processes?**

##### **Pioneering Digital Transformation**

SPR is transforming product development and manufacturing with advanced technologies, driving efficiency and innovation. By leveraging IoT, AI, and Big Data analytics, SPR ensures real-time process optimization, enhancing productivity, reducing downtime, and minimizing waste.

In product development, tools like CAD and virtual simulations accelerate prototyping & testing, enabling high-performance designs that meet stringent standards. On the shop floor, Industry 4.0 technologies such as automated machinery, robotics, and IoT-enabled systems enhance precision, monitor equipment health, and predict maintenance needs, ensuring seamless operations.

Cloud-based platforms enable collaboration across teams, suppliers, and customers, allowing

SPR to adapt swiftly to market changes.

This digital-first approach reinforces SPR's leadership in the automotive industry, showcasing its commitment to innovation and operational excellence.

#### **What leadership strategies have helped SPR navigate the challenges of a rapidly changing auto industry?**

##### **Leadership Driving Innovation and Resilience**

SPR exemplifies visionary leadership, navigating the evolving automotive industry with innovation, sustainability, and adaptability. By fostering continuous improvement and investing in advanced R&D, SPR leads in trends like electrification and emission compliance.

Strategic alliances with global OEMs and technology partners enable SPR to integrate cutting-edge solutions, aligning with future mobility demands. The leadership emphasizes workforce empowerment, promoting skill enhancement and agility to address industry challenges proactively.

Customer-centricity drives product refinement, ensuring enhanced value through feedback-driven improvements. Additionally, SPR's commitment to eco-friendly operations underscores its dedication to sustainable innovation. This vision-driven, collaborative, and customer-focused approach positions SPR as a trusted, progressive partner in the global automotive landscape.