ASP seals are engineered for long life in diesel engine coolant pump service with an easy-to-install, unitized design.

Reliability through advanced technology

Torsional shaft vibration inherent in diesel engine coolant pumps accelerates wear and damage of common seal faces and drive components. Every component of the ASP seal was designed and validated to increase operational performance and simplify installation to reduce warranty costs.

The ASP seal is a stationary O-ring pusher design energized by a wave spring with seal faces directly driven through the shell and sleeve elements. ASP seals are well-suited for applications including on- and off-highway, locomotive, agriculture, mining, marine, GenSet and more.

Features and benefits

- Optimized seal face loading and improved thermal conductivity reduce the effects of seal face-generated heat to increase seal life and dry run capability.
- Improved mechanical drive with robust drive lugs at the OD of the stationary seal face extends seal life in high-torsional vibration applications.
- Increased cross-sections of secondary gaskets improve resistance to elastomer fatigue/tears common in other seal designs.
- Standard O-ring gaskets increase versatility for higher-performance elastomers while reducing cost.
- Easy installation with a metal press-fit and fully unitized design.
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