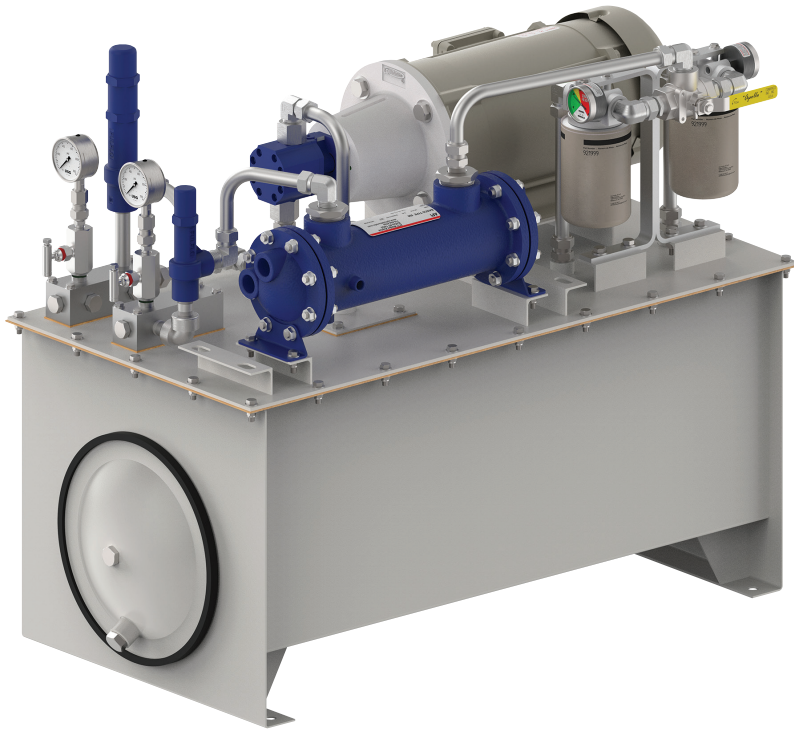


## API PLAN 54 SEAL SUPPORT SYSTEM



### DESIGN BENEFITS

- Best-practice, pre-engineered design for simplified specification and faster supply
- Pre-certified with associated regional qualifications
- Fully supports API standards and regulatory control for leakage prevention

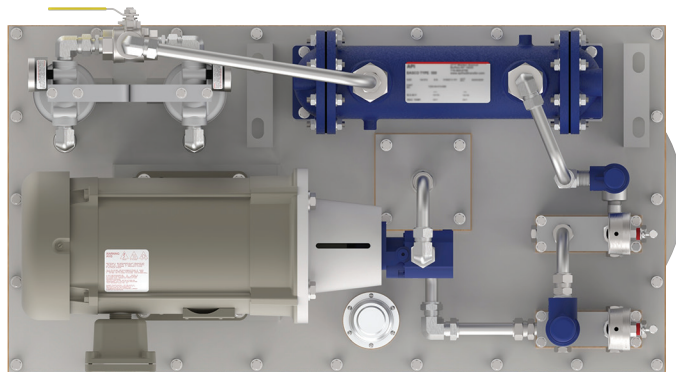
## PRODUCT DESCRIPTION

API Plan 54 is a pressurized external lubrication system (PELS) and has specific advantages over unpressurized, reservoir-based seal support systems. With a PEELS, flow to the mechanical seal is not reliant on an internal circulation device, shaft speed or thermal siphon, enabling specific barrier fluid circulation rate to be achieved.

## API PLAN 54 SEAL SUPPORT SYSTEM

API Plan 54 is applicable to multiple applications in the oil and gas and other industries, but there are multiple drivers and considerations to address when considering the use of a pressurized external lubrication system for such applications. Historically, this has led to custom engineered systems and bespoke designs that can take longer to design and manufacture than standardized, proven systems, frequently with only marginal gains.

Using best practice to inform operation, installation, reliability/ maintenance and safety, effective reliable and standardized Plan 54 support systems can be designed to suit a wide range of challenging dual-pressurized seal installations.



**The GS 54 global standard seal support system is a solution that equates to an improved process of doing business:**

- Standardized equipment that supports sealing standards and regulatory control on leakage prevention
- Supplier dependability and shortened response time to quote
- Higher reliability with long term low cost of ownership
- Best-practice design to deliver clean, cooled, and filtered barrier fluid for optimal mechanical seal performance and centrifugal pump up-time
- Assured differential pressure, circulation rate and seal-generated heat removal during pump operation and stand-by

**Together, we will work with you to keep your mission-critical operations up and running with support and guidance from our experienced team.**



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