

Need a New Way to Protect Your Seals from Failure?

- Our LARS (**LobePro Affordable Rebuildable Seal**) seals for our M- and L-frame pumps now include an optional improved feature that protects their integrity during catastrophic failures.
- This new improved seal design can be installed quickly and correctly with built-in check system to ensure correct installation.

Introducing the LARS Seal* with 3-Tab Connection



*LARS (LobePro Affordable Rebuildable Seal - Patent No. US 9,341,175 B2 May 17, 2016)

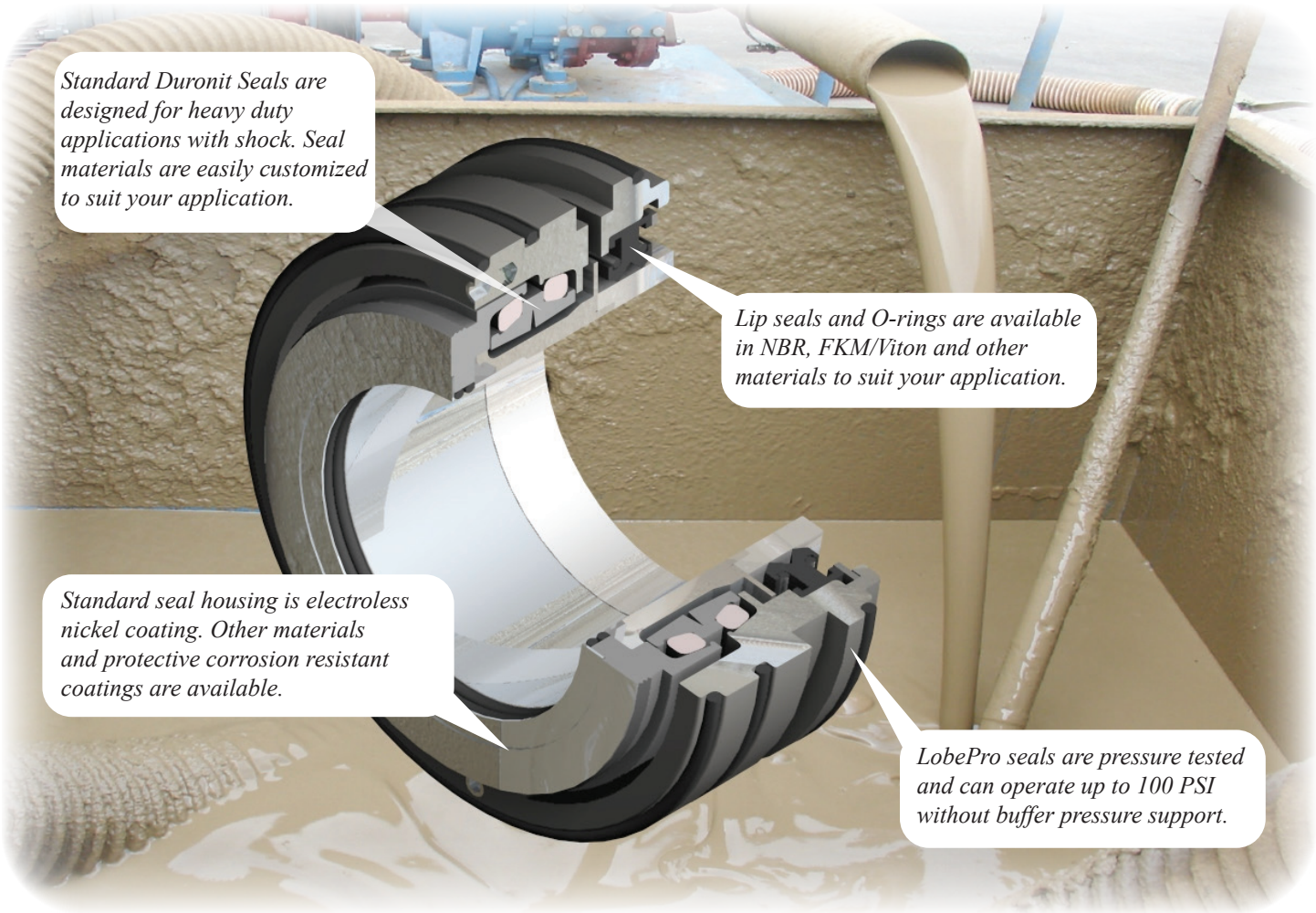
- Our M- and L-frame pumps will have the option to upgrade from our standard LARS seal to an upgraded LARS seal design, which features tabs that attach seal holders to lobes.
- This new feature will prevent potential leak paths in between seal parts during vibration, thereby reducing failures on critical internal parts.
- The tab connected design will also minimize potential failures due to incorrect seal installation.



LOBEPRO
ROTARY PUMPS

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Standard Duronit Seals are designed for heavy duty applications with shock. Seal materials are easily customized to suit your application.

Lip seals and O-rings are available in NBR, FKM/Viton and other materials to suit your application.

Standard seal housing is electroless nickel coating. Other materials and protective corrosion resistant coatings are available.

LobePro seals are pressure tested and can operate up to 100 PSI without buffer pressure support.

LobePro Mechanical Seals

Applications

- Water
- Wastewater
- Mud and bentonite slurries
- Sludge
- Fluids with high solids concentration
- Fuels and hydrocarbons with neutral ph

Properties

- High wear and corrosion resistance
- Excellent impact and shock resistance
- High thermal shock resistance
- Superior mechanical and tensile strength
- Low cost

- LobePro mechanical seals use Duronit vs. Duronit sealing surfaces
 - > Duronit is a superior material for impact/shock resistance and vibration
 - > Wear characteristics are similar to Tungsten Carbide
- LobePro mechanical seals are extensively tested before shipping
 - > Seals are tested before and after pump assembly.
 - > Seals are tested at the intended operating pressure before shipping.
- LobePro mechanical seals are assembled in the USA at our Brunswick, Georgia manufacturing plant and available in electroless nickel-plated or corrosive resistant coated steel, 316 stainless steel, and 2205 duplex stainless steel.
- LobePro mechanical seal housings are corrosion resistant.
- Stainless steel set screws are used to allow easy removal.
- Our seals are oil cooled, permitting limited dry running.
- Our seals do not require manual compensating pressure to prevent seal leaks resulting from wet end pressure up to 100 PSI. We do not use packing, which is designed to leak.



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