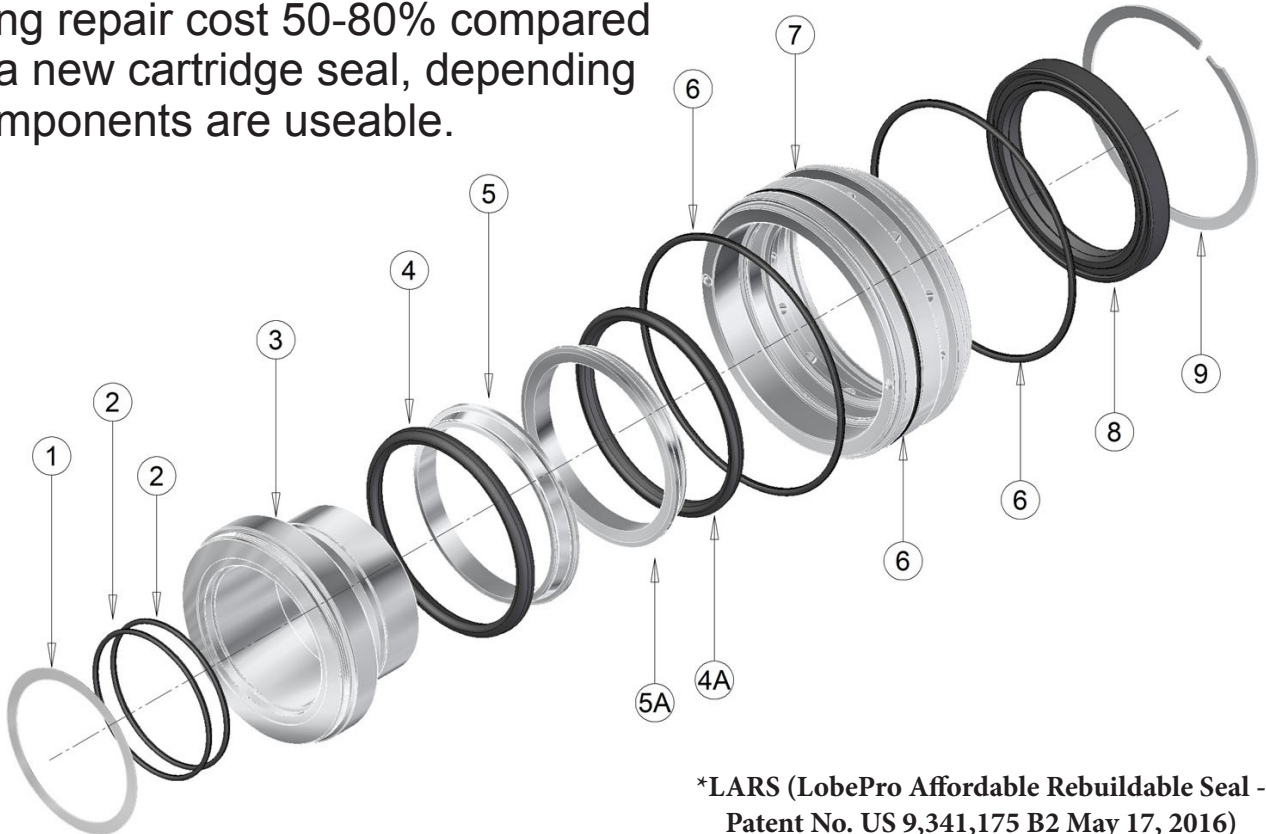


Which is better - Cartridge Seal or Component Seal?

- Cartridge Seals are easy to install correctly but are usually just thrown away after a failure because they cannot be rebuilt. Wouldn't it be nice to be able to reuse the good components and reduce the repair cost by 50-80%?
- Component style seals are thrifty but, with up to 13 parts, complicated to install correctly if only done occasionally. Wouldn't it be better to have a seal that is simple to install quickly and correctly and still thrifty?

Introducing the LARS Seal* (LobePro Affordable Rebuildable Seal)

We designed LARS to give you the best of both types: Quick and easy to rebuild in place while reducing repair cost 50-80% compared to installing a new cartridge seal, depending on which components are useable.

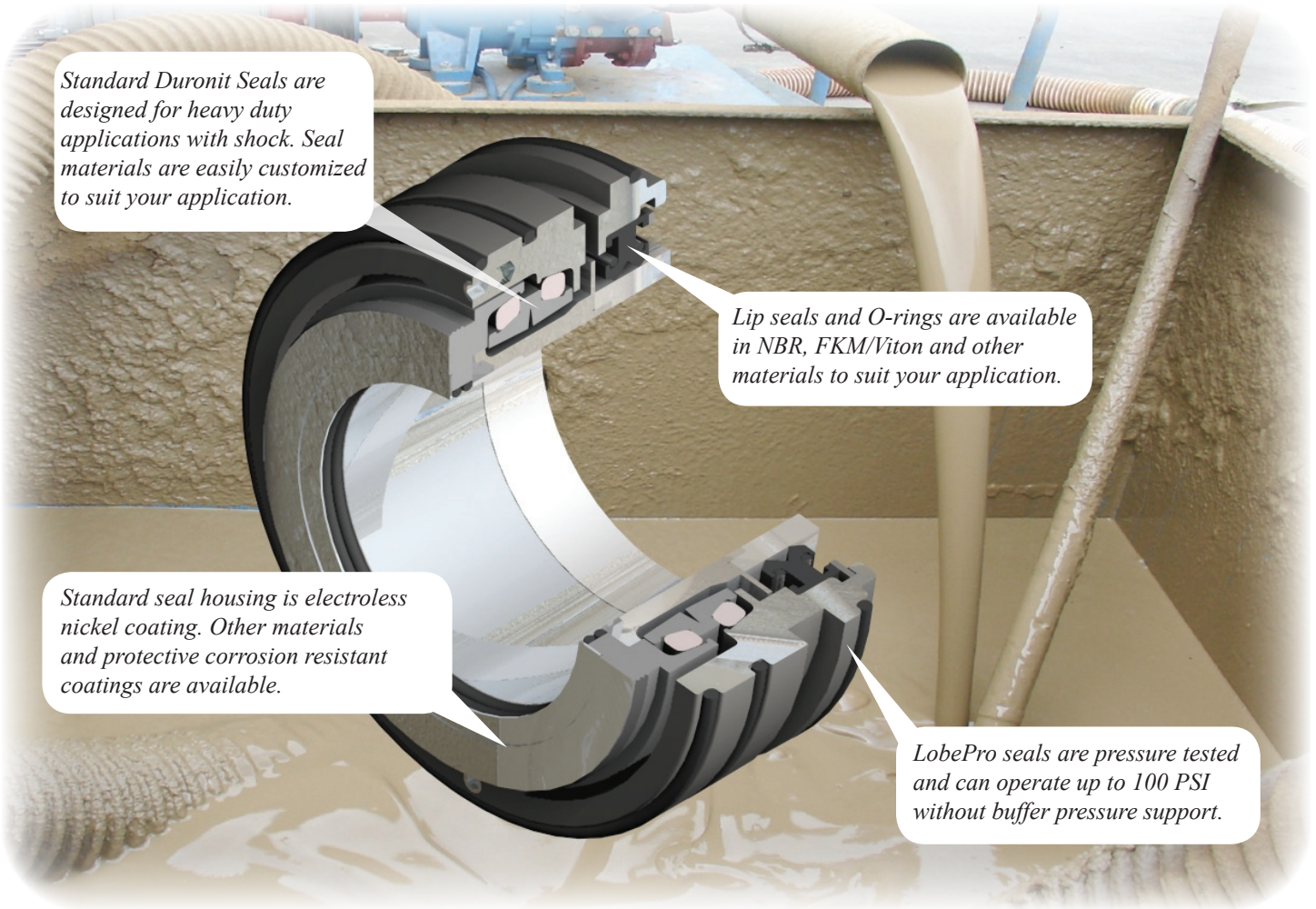


*LARS (LobePro Affordable Rebuildable Seal -
Patent No. US 9,341,175 B2 May 17, 2016)



2610 Sidney Lanier Drive
Brunswick, Georgia 31525
1-888-997-PUMP Toll Free
(912) 466-0304 Telephone
(912) 466-0086 Fax
www.lobepro.com

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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 Cartridge Type 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.



LOBEPRO
ROTARY PUMPS

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(912) 466-0304 Telephone
(912) 466-0086 Fax
www.lobepro.com