

# LobePro vs. Other Rotary Lobe Pumps

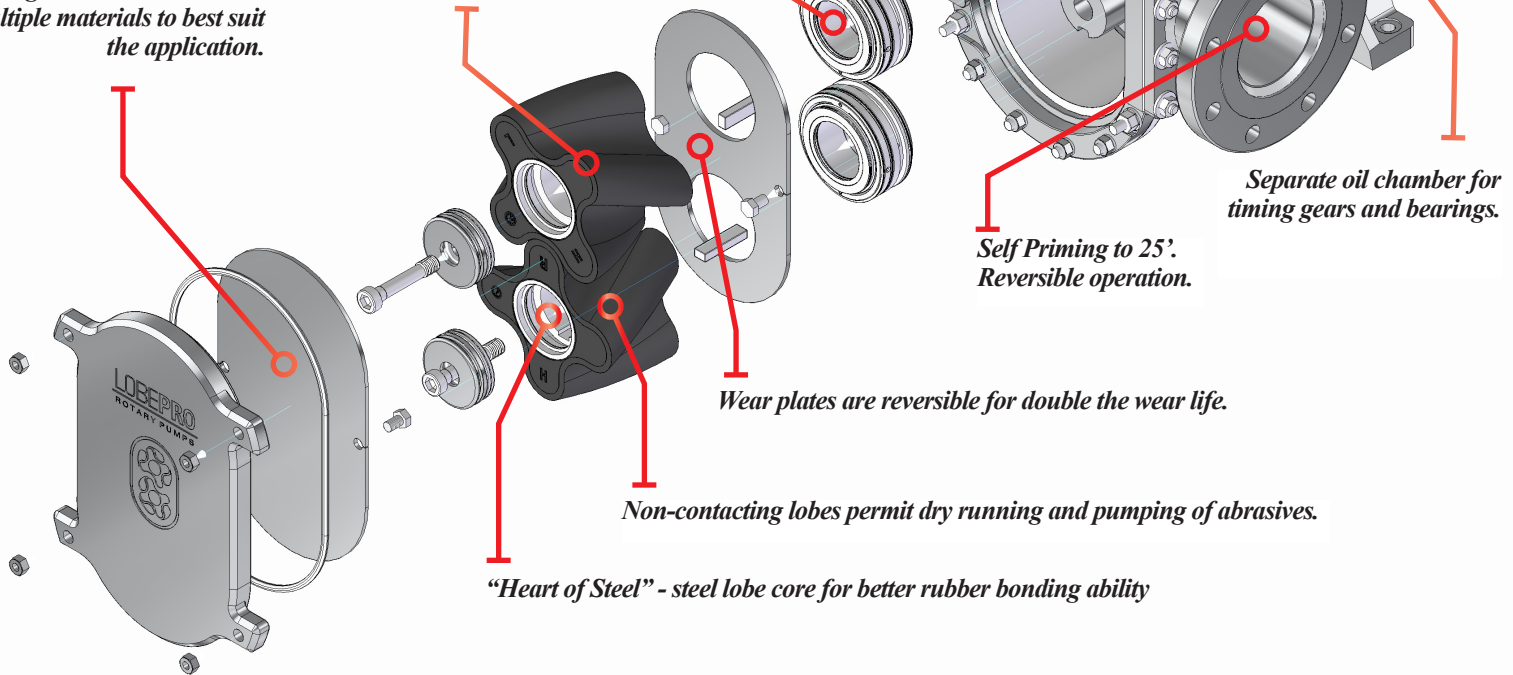
*Wear components and casing materials available in multiple materials to best suit the application.*

*Helical lobes provide low shear flow. Alternative styles and materials available.*

*Rebuildable mechanical seals can save 50% or more on replacement costs.*

*Seal cooling chamber for limited dry-run protection. No flushing required.*

*Timing gears pre-set by the factory. No adjustment required.*



## 1. Rebuildable Cartridge Seal (LARS)

- Our LARS seal (patent pending) can be easily rebuilt in place for around 50% of a new seal's cost and quickly installed correctly. In contrast, our competitors either supply cartridge seals that are usually thrown away after failure or component style seals that, with up to 13 parts, are complicated to install correctly- especially if done only occasionally.
- Our seals do not require a manual compensating pressure bottle.
- We do not use packing which is designed to leak.
- We use mechanical seals faces designed to handle extreme shock and vibration.

## 2. Helix Lobe Design

Our helix lobe design allows for constant flow even if system pressure varies. 4-wing helical lobe is standard on our M and L frame pumps and 6-wing helical lobe is standard on our S frame pumps.

## 3. "Heart of Steel" Lobes to Prevent Lobe Delamination

Our competitors all bond their rubber lobe coatings to a smooth cast metal core. However, according to our coating company, "Bonding to castings presents difficulties not seen in bonding to steel- oil trapped in the casting; impurities within the metal surface, inability to 100% clean away oxidation due to surface structure".\* In contrast, we machine lobe cores in steel. This also allows us to rough up the surface texture of the core for best bonding.

## 4. Replaceable and Reversible Wear Plates

Our front and rear wear plates are reversible for extended use. They are customized to best suit the application.

## 5. Two piece Adjustable Housing Segment

No expensive one piece housing segments. Our housing segments are two pieces which are both adjustable and replaceable. They are also competitively priced to radial wear plates.

## 6. Highly experienced staff.

We have engineers and mechanics in the USA who are here to answer your questions or trouble shoot problems.

## 7. Standard wear parts shipped within 2 working days of order receipt or the parts are Free!

This guarantee applies for 5 years after the purchase of a LobePro pump.

## 8. Made in the USA

LobePro Pumps are 100% made in the USA which helps us maintain high quality, fast delivery, and good communications.



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