

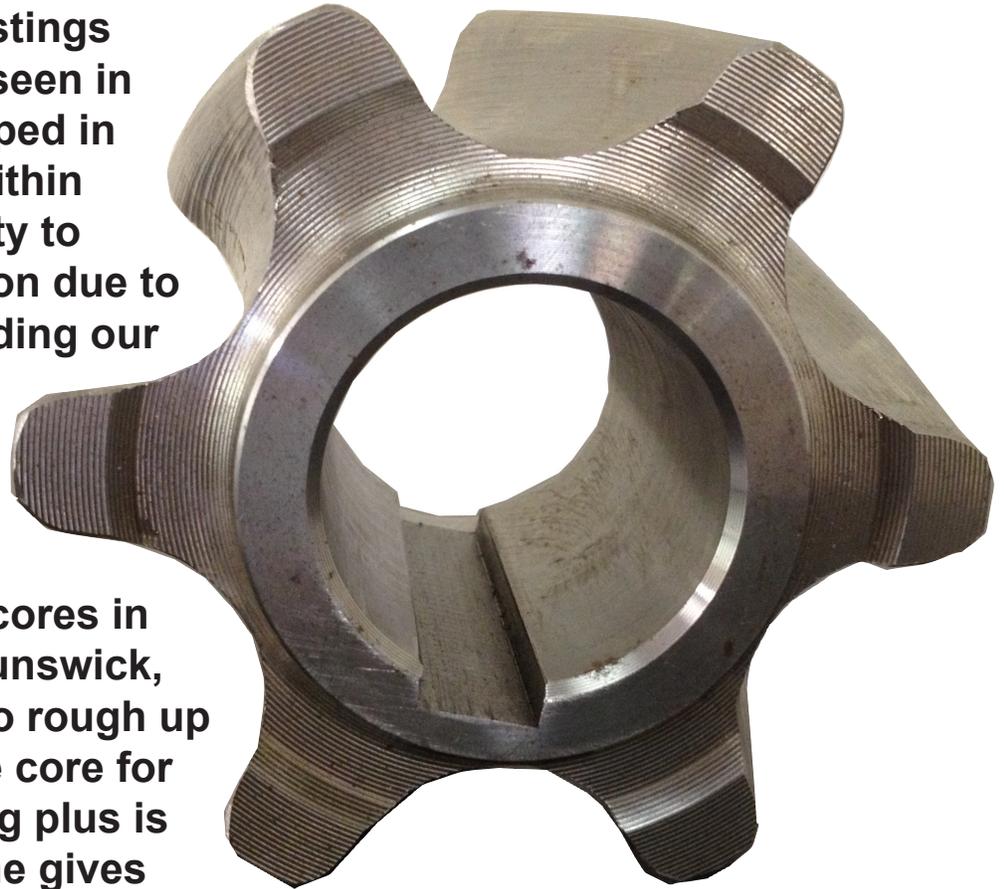
Have you had the rubber coating just peeling off a lobe?

Do your rubber lobes have a cast metal inner core?

Why are the two related?

Because “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” according our rubber coater.

Our competitors all bond to a smooth cast metal core. In contrast, we machine all our lobe cores in steel at our factory in Brunswick, Ga. This also allows us to rough up the surface texture of the core for best bonding. Another big plus is our 4 axis milling machine gives us tight control over dimensions. The result is everything fits just right for proper performance and easy maintenance.



Don't settle for anything less than “Heart of Steel” lobes by LobePro



LOBEPRO

ROTARY PUMPS

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About Our Lobes.....

LobePro's standard lobe is a 4-wing helical rotor for M and L series pumps or a 6-wing helical rotor for S series pumps. This helical design results in nearly pulseless flow. The 4 or 6-wing design results in less slip because 2 or 3 of the wings are always sealing the flow. A 2 or 3-wing design will only have 1 wing sealing the flow.

We manufacture a steel core for all our lobes. "Heart of Steel" machined steel cores provide a textured surface for better rubber adhesion and durability than similar cast iron cores.

Lobe Material Types:

- **NBR:** Known as nitrile rubber or Buna-N. Standard lobe material for LobePro pumps installed nationally. Resistant to oils, fuels, and some chemicals
- **HNBR:** The hydrogenated version of NBR, HNBR exhibits greater physical strength and has a higher temperature rating and retention properties after long term exposure to heat, oils, and chemicals compared to NBR
- **EPDM:** Resistant to heat, ketones, diluted acids, and alkalis
- **FKM:** Classified as a fluoroelastomer, FKM provides the best chemical and temperature resistant of LobePro lobe material types
- **Non-coated:** LobePro manufactures uncoated 316 stainless steel and carburized lobes in 2 and 4-wing straight lobe designs



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