

LaBour TFA PUMP

LaBour Taber



**The World's Longest
Lasting Pumps...
Bar None!**



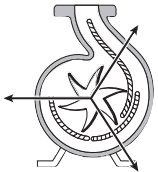
BETTER VISCOSITY PERFORMANCE

Fully open semi-vortex impeller design reduces shear, resulting in lower losses when pumping viscous fluids.



GOOD AIR HANDLING

Three volutes and circular casing prevent vapor-lock, and can handle up to 20% entrained gases.



LESS SHAFT DEFLECTION

Three equally-spaced volutes result in balanced radial forces, giving longer bearing and seal life.

Design Features and Benefits

- Dual oil level monitoring systems; "Bullseye Sight Glass" and clear "Trico® Optimatic" constant level oiler.
- Two heavy duty, back-to-back mounted, 7300 series, angular contact bearings, providing an industry leading L10 life in excess of 100,000 hours.
- Largest shaft diameter (D) and shortest impeller overhang (L), resulting in the lowest "Shaft Flexibility Factor (L3/D4)" in the industry.
- Flinger type lubrication system creates a constant oil mist cascading over the radial & thrust bearings, resulting in cooler running bearings than other manufacturers flooded lubricated bearings.

Material Selection

316SS
316L
304SS
304L
A-48 (ASTM CD4-MCu)
Elcomet K (ASTM CN-7M)
R-55 Proprietary (Nickel based alloy)
Y-17 (Similar to Hastelloy C)*
Y-30 (Similar to Hastelloy B)*
Nickel
Titanium
Other Alloys Available

**Registered trademark of Haynes International.*

Standard Option

- Casings: 150 lb, 300 lb, FF or RF flanges. Jacketed design for heating or cooling.
- Stuffing Box: Standard large, Taper or Sealmate™ bore designs. Jacketed design for heating or cooling.
- Adapter: Available in same metallurgies as listed above for pumps. (*reference: Material Selection*)
- Bearing Housings: Available in various metallurgies. Jacketed design for cooling, oil mist, greaseable or sealed for life bearing lubrication.
- Baseplates: Drip rims, drip pans, stilt mounting, CPR (non-metallic), or special engineered designs.

Service and Delivery

LaBour's investment in inventory gives you the advantage of short lead times. We can schedule your order without material delays.

LaBour - When pump failure is not an option.



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