

LaBour Taber

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



LaBour TFA PUMP

Triple Volute ASME / ANSI B73.1 Pumps

LaBour's TFA style pump not only meets the specifications of ASME/ANSI (B73.1), but it goes one step further with its triple volute design.

The Triple Volute design of the LaBour TFA pump balances radial loads better than conventional single or dual volute designs. This results in longer bearing and seal life at both the design and low flows, saving you money on replacement parts and maintenance.

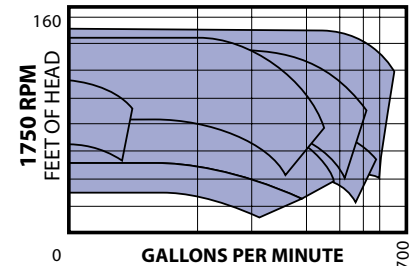
Applications

- Synthetic Resins and Latex
- Viscous Fluids
- Petrochemicals
- Entrained Air or Vapor
- Vacuum Systems
- Product Transfer
- Industrial Waste
- Heat Transfer
- Acids

LaBour TFA

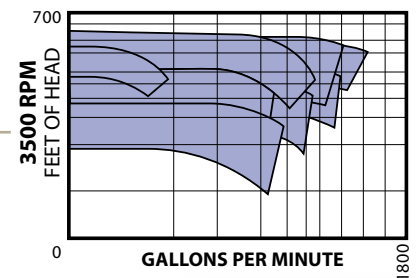
Temperature:
From -50 F to 500° F

Pressure:
Up to 350 PSI



Markets

Industrial
Petroleum
Power
Utility
Chemical Process
Food & Beverage Process
Pulp & Paper
Pharmaceutical
OEM
Agriculture
Primary Metals
Pollution Control



LaBour - When pump failure is not an option.



Peerless Pump / LaBour Taber - 901 Ravenwood Drive, Selma, Alabama 36701
Ph: (317) 925-9661 • fax: (317) 920-6605 • www.labourtaber.com

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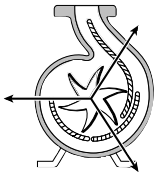
BETTER VISCOSITY PERFORMANCE

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.

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