Leistritz

REFINERY PUMPS

- ***RE-ENGINEERED***
- ***FLARE KNOCK-OUT***
- ***ASPHALT***

RE-ENGINEERED PUMPS

Why repair high maintenance or misapplied pumps when the Leistritz L3 Re-engineered pump gives you a drop-in replacement that may cost less than repairing the existing pump? The Leistritz Re-Engineered Pump utilizes our standard 3-Screw Pump Cartridge with a fabricated casing to match your existing footprint and piping/driver connections."

Scope of Supply

- One-Piece, nitrided, hardened and ground steel rotors
- Single bearing (grease lubricated)
- Single Mechanical Seal (located in low pressure chamber)
- Hydraulically balanced design (no thrust load)
- Durable, Fabricated-steel casing to meet existing piping & foundation
- Pulsation-free and low shearing design
- Optional heating jackets

Performance Data

- Flow: 3 –1,100 gpm
- Differential Pressure: 2,300 psi (max.)
- Viscosity: 2-50,000 cst
- Temp: 0-525°F

Typical Applications

- Vacuum Tower Bottoms
- Coker Charge
- Asphalt
- Asphaltenes
- Forwarding
- Transfer
- Loading/Unloading
- Boosting
- Re-Circulation
- Lube Oil

FLARE KNOCK-OUT PUMPS

The Leistritz Flare Knock-Out Pump is a timed twin screw pump with replaceable liner, integral shafts and external bearings. The pump is gas tolerant, handles a wide range of viscosities and delivers pulsation free flow. The design and material composition are suitable for pumping materials that can be corrosive, abrasive or flammable.

Scope of Supply

- One piece, nitrided,hardened and ground steel or stainless steel rotors
- Steel or stainless steel casing
- Replaceable liner in cast iron, steel or stainless steel.
- Single or Double mechanical seals
- Pulsation free and low shearing design

Performance Data

- Flow: 10 –8,00 gpm
- Differential Pressure: 1,200 psi (max.)
- Viscosity: 0.20 –1,000,000 cSt
- Temp: 5-600°F

Typical Applications

- Relief Drum
- Flare Knock-Out

ASPHALT PUMPS

Leistritz L2 and L5 screw pumps are flexible, reliable and cost effective. Their unique design and powerful suction capability let you pump asphalt at temperatures as low as 250^{O}F. That's at least 20^{O}F below other pumps. You'll be moving asphalt instead of heating it. There's less energy consumption, faster material handling, greater efficiency, and more money in your pocket.

Scope of Supply

- One piece, nitrided,hardened and ground steel or stainless steel rotors
- Ductile iron or steel casing
- Single bearing (grease lubricated
- Single mechanical seal or packing
- Hydraulically balanced
- Optional heating jackets
- Optional full flow relief valve with hand wheel bypass
- Pulsation free and low shearing design

Performance Data

- Flow: 10-1800 gpm
- Differential Pressure: 230 psi max
- Viscosity: 2-100,000 cst
- Temperature: 0-550 F

Typical Applications

- Unloading
- Transfer
- Loading
- Circulation

Leistritz Advanced Technologies Corp.

165 Chestnut Street, Allendale, NJ 07401 • (201) 934-8262

www.leistritzcorp.com • staff@leistritzcorp.com