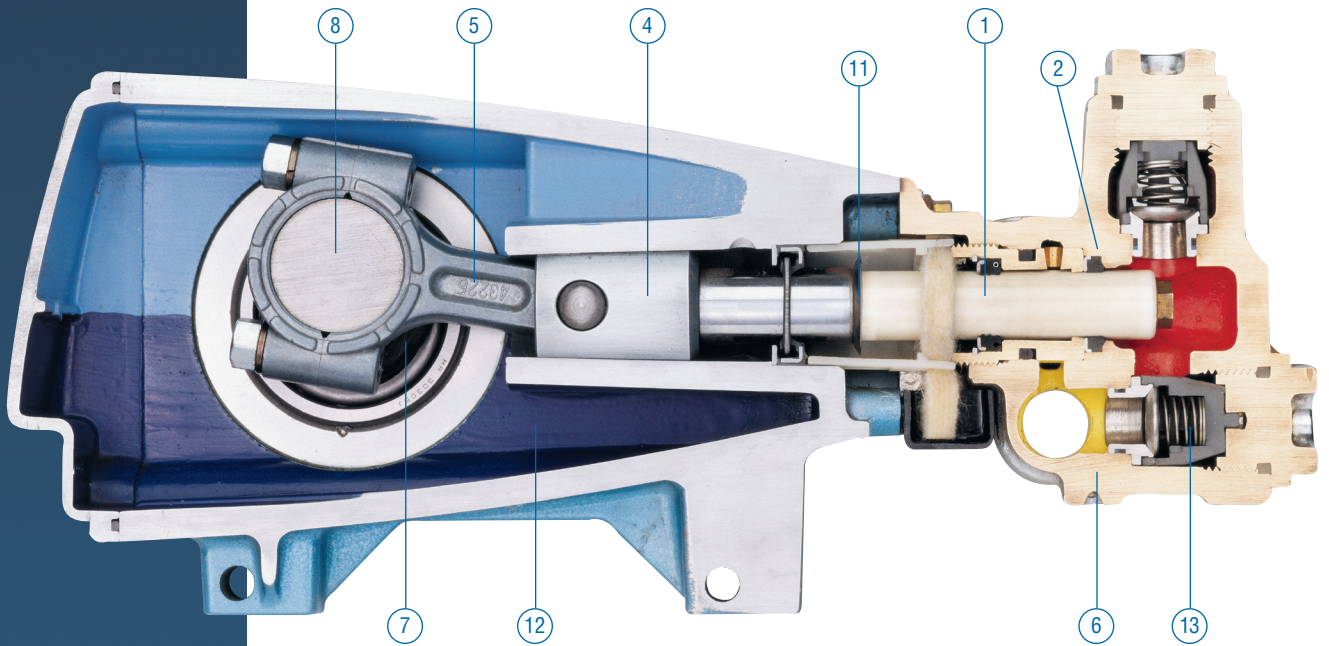


Proven Design and Quality Components Assure Long-Term Performance

Triplex Plunger Pumps



1. Special concentric, high-density, polished, solid **ceramic plungers** are resistant to abrasion and result in extended seal life.
2. Specially formulated, CAT PUMP exclusive Hi-Pressure **Seal** offers unmatched performance and seal life. Optional FPM, EPDM, PTFE or other special materials for application compatibility.
3. 100% wet **cup/seal** design adds to service life by allowing pumped liquids to cool and lubricate the elastomers on both sides.
4. The high strength stainless steel **plunger rods** have a 360° supported crosshead providing uncompromising plunger rod alignment.
5. Matched oversized **connecting rods** are made of high strength alloys with exceptional bearing quality.
6. High strength forged brass **manifolds**. Optional 316 stainless steel, nickel aluminum bronze or Duplex SS for exceptional corrosion resistance.
7. Oversized ball **bearings** or tapered roller bearings provide extended bearing life.
8. Chrome-moly **crankshaft** provides unmatched strength and surface hardness for long life.
9. The patented stepped **piston rod** with hard chrome-plated sleeve provides a durable wear surface and easy wet-end servicing.
10. The **cylinder** and **sleeve** wear surfaces are hard chrome-plated stainless steel for longer service life.
11. The stainless steel **slinger** provides back-up protection for the crankcase oil seal, keeping pumped liquids out of the crankcase.
12. Die cast aluminum **crankcase** offers high strength, light weight, and excellent tolerance control. Optional cast iron.
13. Spherical **Quiet Valves** offer self-centering and positive seating. Stainless Steel valves, seats and springs provide corrosion resistance and extended service life.

