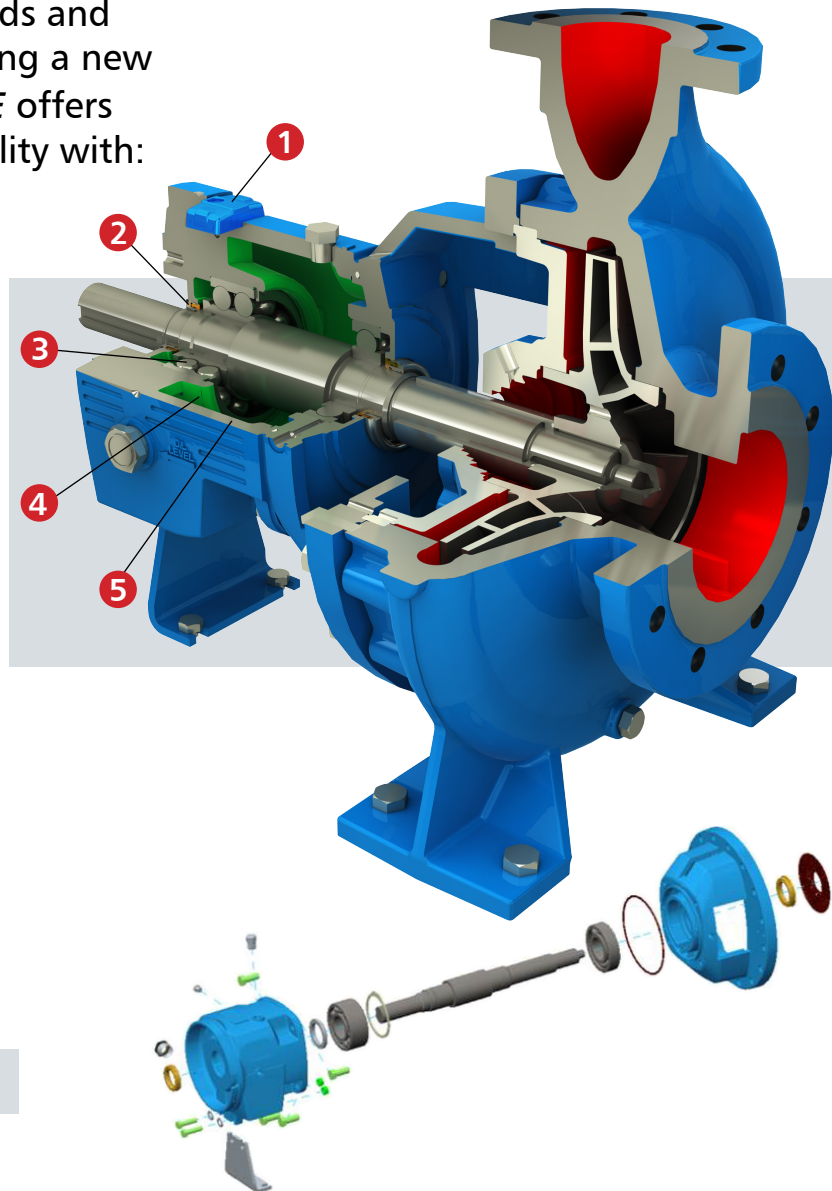


A Revolution in Pump Performance and Reliability

With the introduction of the new **i-FRAME**, you can stop rebuilding your old power ends and upgrade to the power end that is setting a new standard for ISO pumps. The **i-FRAME** offers you the opportunity to improve reliability with:

- 1 Patented (U.S. Patent 8,154,417) condition monitor displays flashing red LEDs when vibration or temperature parameters are exceeded
- 2 Inpro VBXX-D SS hybrid labyrinth oil seals for sealing in harsh environments
- 3 Premium severe-duty thrust bearings for longer service life
- 4 Optimized oil sump design provides better heat transfer for reduced oil temperature and longer bearing life
- 5 New, factory built, severe duty power ends



Additional benefits of a power end upgrade program:

- OEM tolerances guaranteed the first time and every time
- Reduction in repair costs – it is less expensive to replace than to repair power ends
- Extended MTBF with new power ends
- Reduced parts inventory – 17+ parts versus 1 complete power end
- Short cycle time for pump repairs – 31 steps to repair, 1 step to replace
- Eliminates lost production due to unplanned downtime
- Condition monitoring at no additional cost



31 Simple Steps to Repair your Goulds Power End



DISASSEMBLY:

1. Remove the frame adapter hold down bolts
2. Remove the frame adapter
3. Remove bearing frame O-ring
4. Reach inside the frame and remove the snap ring
5. Remove the shaft assembly
6. Remove the bearing lock nut
7. Remove inboard bearing
8. Remove outboard bearing
9. Remove outboard labyrinth seal
10. Remove inboard labyrinth seal

INSPECTION:

11. Check bearings fits on shaft
12. Check shaft for straightness
13. Check shaft surface for any grooves or pitting
14. Check bearing frame for any cracks, rust or debris
15. Check inboard bearing bore
16. Check O-rings for cuts or cracks
17. Pull or order any replacement parts needed

REASSEMBLY:

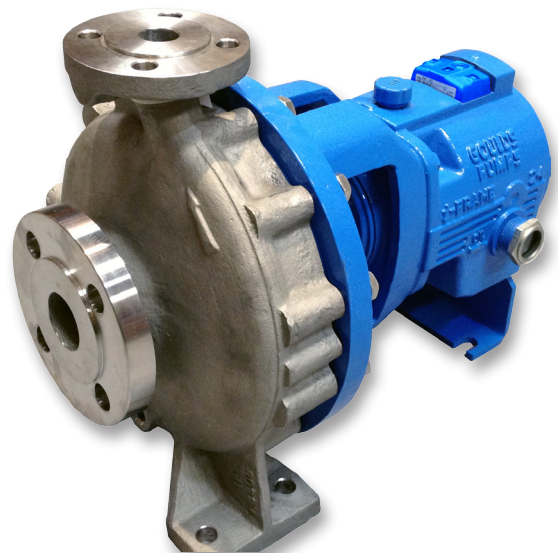
18. Install outboard bearing on shaft
19. Install inboard bearing on shaft
20. Place locknut on shaft
21. Coat outside of bearing and bearing frame bore with oil
22. Install the shaft assembly into the bearing frame
23. Place bearing retaining ring on shaft
24. Place frame adapter on inboard bearing
25. Bolt bearing frame to frame adapter
26. Install outboard labyrinth oil seal
27. Install inboard labyrinth oil seal
28. Check for shaft end play
29. Check for run out
30. Check for frame face run out
31. Hope you didn't forget a step

OR 2 Steps

The new Goulds Premier Power End Replacement Program will contain fewer steps, be much simpler and more reliable.

Step 1:
Replace Power End

Step 2:
There is no Step 2. You're done!



ENGINEERED FOR LIFE

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