



# Ampco's ZP Series Pumps

Designed specifically for the oil and gas industry

**Ampco's ZP1 and ZP2 pumps offer significant advantages against the competition:**

- Stainless steel gear case
- Solid stainless steel shafts
- Stainless steel bearing retainers
- Sealed stainless steel cleanout plugs
- Helical gears
- 4-way mounting
- Threaded grease zerks

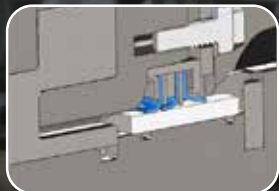


This ZP pump is shown with an optional close-coupled stainless steel motor adapter which eliminates the need for additional mounting screws and the high maintenance costs associated with shaft misalignment. The pump's back cover accommodates an SAE-A or SAE-B two-bolt mounted hydraulic motor. It is designed to utilize a jaw-style coupling to ensure no shock-loading is transmitted to the pump.



## ZP positive displacement pumps for the oil and gas industry

Ampco's standard ZP1 pump has been modified for oil and gas applications with a PTFE double lip seal. This lip seal offers outstanding chemical and wear resistance and also withstands limited dry running.



PTFE double lip seal.



## Remanufactured Pumps

Ampco's pump reconditioning program has earned an excellent reputation since it was introduced in 2010. Remanufacturing a used pump is a significantly lower-cost alternative to purchasing a new replacement pump. This program will restore your ZP1 and ZP2 frack style pump to its original performance and efficiency. All remanufactured pumps are performance tested and include a full one-year factory warranty.

BEFORE



AFTER



## Process Overview

- Pump is completely torn down and all internal components: rotors, shafts, bearings, gears, spacers and seals are replaced with new components.
- Body and cover are machined to standard oversized dimensions: +.020, .040, .060, .080.
- New oversized rotors are machined to bring back tolerances to match new pump performance and efficiency.
- Pumps are 100% water-tested before shipment.
- All remanufactured pumps include a full one-year factory warranty.

**Ampco Pumps**  
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