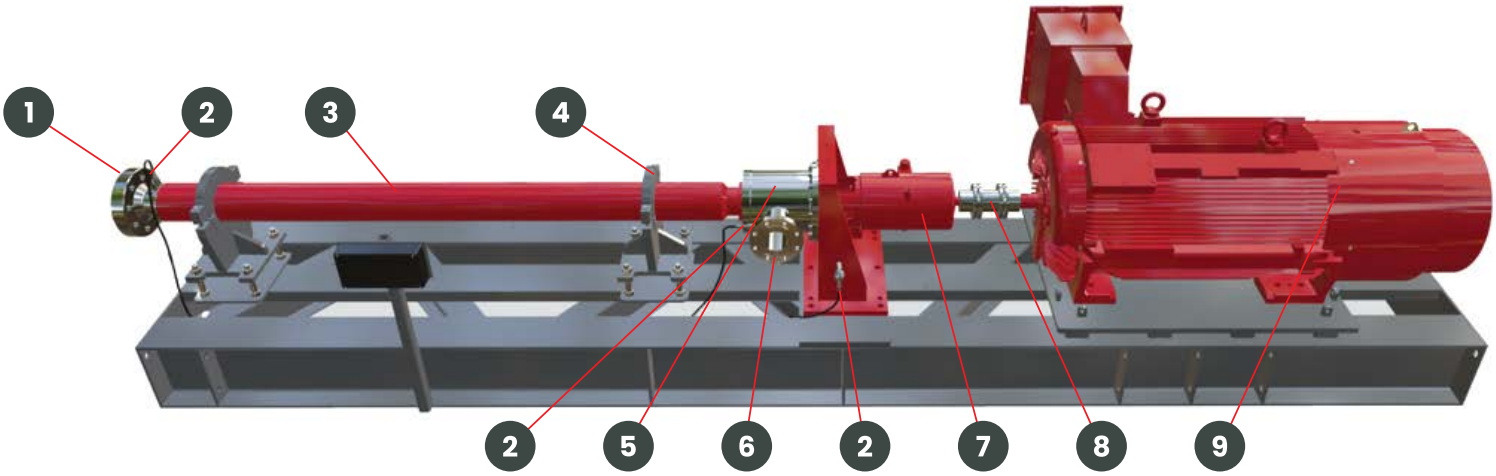
H-Pump Field Service

Reliability Solutions for Your Horizontal Pumping Systems

FLEX FLOW™
A DNOW Company

With more than 150 years of combined industry experience, the service division at Flex Flow, a DNOW Company, has the expertise to service any OEM h-pump system. As field service experts, we know that every h-pump component requires routine checks, cleaning, lubrication, calibration and timely part replacements to ensure efficient operation minimize downtime.



1. Discharge Heads, Flow Meters and Valves

- Inspect for signs of wear, cracks, corrosion or leaks
- Ensure all sealing surfaces are intact and connections are secure
- Perform regular calibration to ensure accurate readings
- Test and lubricate all moving parts
- Replace worn components as needed

2. Instrumentation Transducers

- Verify calibration against known standards
- Clean sensors to avoid contamination
- Check for wiring issues or signs of wear
- Replace damaged or faulty transducers as needed

3. Pump Barrels

- Inspect for signs of wear, cracks, corrosion or leaks
- Remove sediment buildup if present
- Check alignment of internal components
- Replace damaged or worn parts as needed

4. Saddles

- Inspect for signs of wear, cracks, corrosion or other damage
- Tighten loose fasteners to prevent misalignment of piping
- Replace damaged components if needed

5. Intake

- Inspect for signs of damage or corrosion
- Check filters/strainers for clogging or buildup and clean or replace as needed
- Check alignment with pump and check fluid entry for blockage

6. Mechanical Seal

- Inspect for sign of leakage, wear or damage
- Lubricate seal surfaces as required and replace according to manufacturer guidelines

7. Thrust Chamber

- Inspect for signs of wear or corrosion and lubricate
- Check thrust bearings for damage or excessive wear and replace as needed
- Verify proper operation of any cooling systems

8. Motor Coupling

- Inspect for signs of misalignment, cracks, wear or damage
- Ensure proper lubrication and tighten any loose fasteners
- Replace damaged couplings as needed

9. Motor

- Check for overheating, unusual noise and vibration
- Inspect motor lubrication and condition of bearings
- Remove dust and debris to prevent overheating
- Inspect electrical connections
- Test motor performance

Corporate Headquarters • 7402 N Eldridge Parkway, Houston, TX 77041 USA • 1-281-823-4700 • dnow.com

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Run Stronger.

Quarterly Maintenance Recommendations

Regular maintenance is key to maximizing the life of your equipment. Let us help you implement a maintenance schedule designed specifically for your equipment. Flex Flow service technicians handle a variety of essential maintenance tasks, including the following:

- Identifying changes in system sounds and vibration
- Conducting vibration, temperature and alignment checks
- Verifying proper flow pressures in oil coolers
- Confirming shutdowns and settings have not been altered
- Ensuring that all instrumentation is reading
- Inspecting turbocharger, mechanical seal and all connections for leaks
- Cleaning the radiator on turbocharger cooling systems
- Replacing thrust chamber oil and/or oil cooler filters
- Changing sleeve bearing oil following motor manufacturer recommendations
- Inspecting the skid and components for external damage
- Replenishing coupling grease following manufacturer recommendations
- Inspecting area for overall cleanliness and cleaning oil and grease residue from equipment

LOCATIONS

HQ Midland (TX)
3003 East County Rd 117
Midland, TX 79706
432-687-1480

Frederick (CO)
8413 Rowe Place
Frederick, CO 80504

Williston (ND)
5072 Owan Industrial Park Dr
Williston, ND 58801

Longview (TX)
3508 Gum Springs Rd
Longview, TX 75602

Roosevelt (UT)
3200 U.S. Hwy 40 West
Roosevelt, UT 84066

Contact Us Today!

432-687-1480

dnow.com/flexflow

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