

DUAL PAD LIQUID AERATION PLUNGER

IDEAL FOR

Reducing plunger fall times and increasing production.

If you have a well that recovers quickly and you'd like to reduce plunger fall times and increase production, we recommend the Dual Pad Liquid Aeration Plunger (LAP). It can reduce fall times up to 70% and increase production by at least one cycle per day. It's also helpful for wells that produce high accumulations of liquids or heavy liquids.

HOW IT WORKS

Our unique, patented HV Lift™ technology allows the plunger to fall quickly to the well bottom. As it travels upward, gas is transferred up through the plunger, causing a turbulent aeration (or bubbling effect) in the liquid slug above the plunger. This advanced liquid aeration process makes it possible for the plunger to lift and remove the liquid load more efficiently and at higher velocity.

APPLICATIONS

- Wells that can recover quickly
- Wells that produce high accumulations of liquids
- Wells that produce heavy liquids

FEATURES

- API standard fishing neck
- 4140 or stainless steel
- For normal wellhead configurations

ADVANTAGES

- Lightens fluid loading in tubing
- Reduces shut-in time
- Decreases fall times and increases trips
- Increases production by at least one cycle per day



Specs

Tubing Size	OD	Optional OD
2-3/8"	1.900	1.877
2-7/8"	2.335	2.500
2-7/8" (optional)	2.210	2.350
3-1/2"	2.570	2.700
3-1/2" (optional)	2.775	2.920

Utilizing the well's own energy to cost-effectively remove liquids and extend the economical life of the well.

Plunger lift is one of the most economical ways to achieve maximum deliquification, particularly in marginal and aging wells. It uses only the well's own energy to effectively lift and remove accumulated liquids.

Our plunger lift products are thoroughly tested, manufactured to the highest standards, and backed by our decades of experience in the field.

Benefits of Plunger Lift:

- Increased production with minimal cost
- Quick and easy implementation
- Low capital and operating expenses
- Unrivalled expertise, service, training, and line out assistance
- Largest selection of custom-engineered equipment addressing the full range of well conditions
- Highest quality manufacturing processes and materials

Plunger Lift is Ideal for:

- Removing accumulated liquids in gas wells, allowing them to produce
- Wells with low bottom hole pressures or higher gas-to-liquid ratios
- Wells with liquid production of roughly 130 barrels per day or less
- Unloading a well when gas velocity is at, or near, critical flow rate
- Controlling paraffin and hydrate buildup

Plunger Lift Economics:

Requiring low capital investment and minimal operating expense, plunger lift provides an excellent return on investment, producing production gains that can offset the cost of the system in as little as a few weeks and almost always within a few months.

The investment in a PCS Ferguson Plunger Lift system typically runs between \$2,500 and \$10,000. A plunger lift system could increase production by 100 Mcf/day or more.

