



# ALS Production Lubricant™ For Gas Lift Pumps

*Penetrates and Moves Solids Deposition \*Reduces Tubing Pressure  
\* Increases Production \* Reduces Mechanical Friction & Fluid Drag*

AWT's ALS Production Lubricant™ For Gas Lift Pumps is a proprietary formulation and Patented Application that removes solids deposition from tubulars and valves, leaving an adhesive lubricant film on all metal surfaces. The result is reduced tubing pressure, fluid drag, and increased gas flow while stabilizing surface and interfacial tension.

## What It Does

- Positively attracted to negative charged metal surfaces
- Penetrates and lifts existing corrosive solids from valves, tubing, & plunger
- Fluidizes and mobilizes asphaltenes and paraffins
- Applies lubricant boundary film on valves and tubulars
- Reduces mechanical friction, and fluid drag
- Keeps valves operating more efficiently
- Stabilizing tension properties improve lifting efficiency

## Reduces

- Solids deposits from metal surfaces
- Tubing Pressure
- Flow Line Pressure
- Fluid Drag
- Surface Tension
- Corrosion Rates
- BHP – Injection Pressure
- H2S & Iron
- Stuck Valves & Failure Rates
- Friction & Drag Between Plunger & Tubing

## Increases

- Gas Displacement
- Pump & Lifting Efficiency
- GL Equipment life
- Production Volume
- Mean Time Between Failure (MTBF)
- Flow Rates
- Plunger Life
- Valve & Seat protection from abrasives

## Application Methods

- Slipstream / Injection Gas from Surface
- Capillary String Injection
- Tubing Below Plunger ahead of Launch
- Annulus in wells without a packer

