



# ALS Production Lubricant™ For Progressing Cavity Pumps

*Penetrating Adhesive Thin Film Lubricant to Improve Performance, Production, and Longevity in Progressing Cavity Pumps.*

AWT is the first to market with a proprietary formulation and patented application to increase pump efficiency and performance, while reducing failure rates and operating expenses associated with progressing cavity pumps. ALS Production Lubricant™ For Progressing Cavity Pumps is a penetrating, cationic fluid lubricant that removes deposited solids, and applies a boundary film lubricant barrier to all metal and elastomeric surfaces, reducing friction, torque, and drag to maintain optimal pump performance.

## What It Does

- Positively Attracted to Metal Surfaces
- Penetrates and Lifts Existing Corrosion and Scale
- Conditions Elastomeric Surfaces Without Swelling of the Elastomer
- Fluidizes and Mobilizes Deposited Asphaltenes and Paraffins
- Applies Adhesive Lubricant Boundary Film to all metal surfaces
- Reduces Mechanical Friction, Motor Torque, and Fluid Drag

## Benefits

- Significant Reductions in Surface Drive Torque
- Fluidizes and Mobilizes Asphaltenes and Paraffins
- Removes Solids from Tubulars, Perforations & Pump Components
- Reduces Energy Consumption
- Improved Pump Fillage and Reduced Torsional Loading
- Reduces Failure Rates, Maintenance, & Lost Production
- Inhibits Future Solids Deposition due to Lubricant Boundary Film
- Reduces Fluid Drag
- Reduces Flowline and Tubing Pressures
- Conditions and Lubricates Elastomer Stator and Seals
- Great Demulsification Due to Reduced Surface Tension Properties
- Reduces Viscosity of Heavy Crude
- Reduces Damage to Surfaces and Seals from Abrasives
- Compatible w/ or Replacement to Most Production Chemicals

