

# SandGuard™

Protect Your ESP Investment.  
Maximize Uptime.

FET's Multilift Solutions SandGuard is the industry's most effective defense against solids fallback—one of the leading causes of ESP failures. Building on the original solids fallback preventer, SandGuard's patented design captures and isolates sand and solids before they can damage your pump, dramatically reducing downtime, workovers, and replacement costs.

## Why SandGuard?

Electric Submersible Pumps (ESPs) are critical to oil production but are vulnerable to sand and solids fallback during shutdowns. SandGuard solves this problem at the source, extending ESP life and improving operational efficiency.

### KEY BENEFITS

- ▶ **Avoid Costly Workovers & Replacements** — Prevents damage from solids fallback, saving time and money on ESP repairs and replacements.
- ▶ **Maximize ESP Runtime** — Keeps pumps running longer in sand-laden well, reducing unplanned downtime.
- ▶ **Protect Production** — Minimizes lost production by preventing ESP locking and performance degradation.

### HOW IT WORKS

- **Captures and Quarantines Solids** — A dedicated chamber traps sand and solids away from the pump.
- **Self-Cleaning on Restart** — Dynamic flow ports agitate and flush out trapped solids to the surface during EXP restart.
- **Smart Flow Control** — A ball seat mechanism diverts fallback sand away from the pump intake.

### FEATURES-AT-A-GLANCE

- Cleanable and reusable design
- Multiple configurations for nearly any casing size
- Effective across a wide range of particle sizes
- Ideal for onshore, offshore, deviated, and horizontal wells

### APPLICATIONS

- ESP installations
- Onshore and offshore wells
- Horizontal and deviated oil wells

