FINGER SKID SLUG CATCHER

MUELLER MODEL KLS-2FS

Mueller Environmental has developed various ways to remove large liquid volumes from pipelines without the need for additional downstream separation while also accommodating footprint restrictions. Our KLS-2FS Finger Skid configuration is a highly versatile design, especially useful where access and topography preclude large tank-style vessels. Like all Mueller equipment it is designed to meet the unique specifications of each installation, and we've configured the finger storage in an astounding range of sizes.

All Mueller KLS separators utilize the Helical Coil Technology giving every design the same level of high efficiency separation and protection for downstream equipment. The popular KLS series is known for its reliability. In hundreds of installations in all manner of conditions spanning well over a decade of service, no KLS unit has ever failed. KLS slug catchers can also be used in tandem with the Mueller Mist Elimination Waste Tank vessels to allow even faster dumping.

KLS SLUG CATCHER ADVANTAGES

- Highly versatile, accommodating heavy liquid loads with high separation efficiency
- Eliminates need for additional downstream separation
- Reduces operating and maintenance costs (no replacement filters or moving parts)
- Significantly increased throughput (no downtime for filter changes)
- Enables installation where access and terrain preclude large tank vessels
- Exceptional performance record: No KLS unit has ever failed

WARRANTY

Because of the KLS's remarkable track record Mueller Environmental Designs confidently guarantees to meet separation criteria, and warranties against poor workmanship, material defects, or failure due to improper equipment selection.
REQUIRED PROPOSAL DATA

Because all Mueller equipment is engineered and built for each specific installation, the following information is required for proposals involving KLS Finger Skid Slug Catchers:

- Operating pressure range:
  - Maximum flow at lowest operating pressure
  - Maximum flow at highest operating pressure
  - Lowest flow at highest operating pressure
- Operating temperature range
- Types of contaminants
- Specific gravity
- Process applications:
  - Upstream or downstream of compression?
  - Has gas been dehydrated?
- ASME mechanical design specs including: pressure, temperature, corrosion allowance, MTDT

UNSURPASSED PERFORMANCE

The KLS Helical Element imparts a high degree of swirl flow that is unaffected by either solids or liquids and is highly efficient at removing pipeline contaminants in slug, stratified, annular or spray flow regimes. It has been proven to remove 99.9% of solids and liquids 0.3 microns and larger. Over the past 15 years, the KLS has been improving operations at hundreds of installations in all segments of the gas industry from the well head to local distribution. Despite the harshest of conditions and the most challenging separation applications, from inlet slug catchers to gas measurement protection, no Mueller KLS device has ever failed.

CUSTOM MODULAR SYSTEMS

With today’s new production methods there’s no such thing as a cookie cutter solution to midstream demands. Because we engineer every order to the unique needs of that installation, we are skilled at designing custom modular slug catcher systems to accommodate your location’s unique footprint and topography. Utilizing our versatile KLS configurations, we package highly compact and efficient self-contained units that will meet both your space and liquid load requirements.