

# RADIAL FLOW LUBRICATOR



Info@kaizenws.com

1-877-369-8886

The Pat. Pending Radial Flow Lubricator is versatile and easy to install without any wellhead modifications. This lubricator meets NACE MR 0175/ISO 15156 requirements and is suitable for all plunger styles including conventional, free cycle or two-piece designs.

## DESIGN

The Radial Flow Lubricator features a **5,000 and 10,000 PSI working pressure and weldless body design** that uses O-Ring Seals and a simple pin system that makes internal component inspection, adjustments and reassembly quick and easy.

### 2 MAIN BODY PIECES ALLOWS USERS TO:

- Inspect and change the flow pattern
- Adjust sleeves to increase or decrease the flow area from the lower section of the lubricator

## INSTALLATION

This is a drop in lubricator that can be installed by removing the existing flow cross and bolting in place.

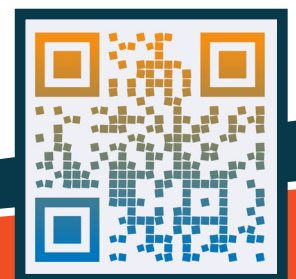
**Available in 60.3mm, 73mm, and 88.9mm sizes.**

## MATERIALS

- Lubricator body components: L80 4130 and 4140 materials — meets API-6A specifications for low temperature certification
- Catcher Spring: X750 material
- Top spring can be made from 17-7, X750 Inconel or MP35N materials for extreme sour conditions



KAIZENWS.COM



## APPLICATIONS

- All wellheads with any GAPL, PAGL or plunger lift application
- Available in 60.3mm, 73mm and 88.9mm sizes
- Sweet or sour
- Temperature range from -50 degrees Fahrenheit to +180 degrees Fahrenheit

## ADDED FEATURES

- An upper flow path positioned at the striker disk, not several inches below, compared to other lubricator designs
- Multi-point design allows flow to exit the inner sleeve through multiple points
- Wireline is able to connect with standard Bowen connections

## RESULTS

The Radial Flow Lubricator offers the same benefits and functionality of a traditional lubricator with added advantages such as:

- Increased production, easier installations and inspections
- Reduced flow velocities
- The internal flow block can be inspected internally without removing it from the wellhead
- The lubricator can be adjusted as the flow rate changes, ensuring the plunger travels to the top of the lubricator and can be caught by the catcher every cycle.

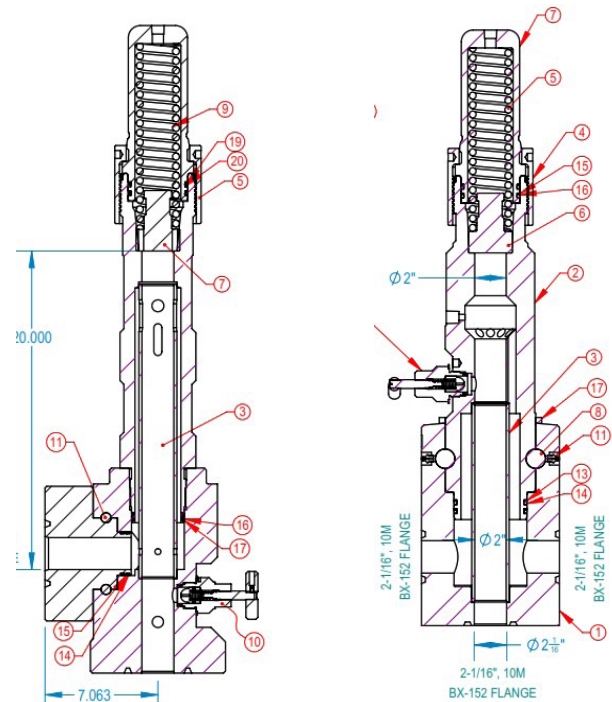


## FLOW BLOCK RADIAL LUBRICATOR

- Replaces 5K and 10K wellhead flow blocks with no piping modifications
- Utilize at time of completion in place of traditional wellhead flow blocks

## NEW FOR 2023 RADIAL FLOW TEE LUBRICATOR

- Available in flanged or threaded outlet
- Replaces 5K flow tees with no piping modifications
- Available in Bowen or EUE cap



Flow Tee Radial Lubricator

Flow Block Radial Lubricator