# LUBRICATOR SAFETY WELL **ACCESSORIES**



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Kaizen Well Solutions has designed innovative products for easy access and operation at the well head while maintaining safety for all operations personnel. The Kaizen Wellhead stand provides a safe platform to work from and the Jib Winch and Cap Lifter accessories can lift and hold heavy items safely.

## **JIB WINCH**

Designed to mount on the side of the Radial Flow Lubricator the Jib Winch provides an engineered winch to lift heavy items during lubricator inspections and maintenance. The Kaizen Lubricator Safety System reduces risk for operations personnel working alone near pressurized well heads. The Jib Winch can lift and hold the upper lubricator section to access the plunger or easy inspection of the internal flow sleeve.

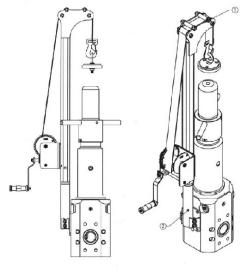
### INSTALLATION

The Jib Crane bracket easily bolts to the side of a Radial Flow Block Lubricator positioned to the side for working on a Well Head Stand. The Jib Crane Assembly inserts into the bracket tube centering the winch hook directly above the Lubricator Cap. The Jib Winch can be permanently installed or moved from well to well during inspections or well maintenance.

#### DESIGN

- Jib Winch body components made from lightweight aluminum.
- All components and fasteners to be installed using Kaizen installation and operation manual.
- Safe Work Load Limit 1500 lbs.
- All components to be inspected prior to each use.





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## **CAP LIFTER**

The Cap Lifter is another accessory product designed for the Lubricator Safety System. The Cap Lifter has a table and is designed to hold wellhead items with the following benefits for the operations personnel:

- All the components from inside the lubricator have resting spots or hanging spots to hold them in a safe and secure position. the table top can gauge the ring plunger OD to confirm if worn out and the need to be replaced. Gauge sizes for both 2 3/8" and 2 7/8"
- Table has built in Kaizen Lubricator cap spring measurement guides.
- Drilled holes specifically to hold the Free Cycle Trip Rod, Anvil, Ring and Cap bolts while servicing.
- For inspection of the 0-ring on the Quick Union, the Cap is clamped, lifted and rotated away from the lubricator with an innovative hydraulic arm. The lifting device has a 50 lb shock absorber that does all the work acting like a robotic arm.

## **CAP LIFTER TABLE**





Cap Lifter with Hydraulic Arm and Table





