

In-Situ Pressure Test Sub

FEATURES

- Two O’ring seals to pressure test against via a port
- Multi range of quick union connections and pressure ratings
- Internal bore size range from 3.00” – 9.00”
- Pressure tested hydraulically with a hand pump
- Can be supplied to special order and connected directly to the Wireline Valve
- MJM In-Situ Test Sub centre connection lifting/test cap available



BENEFITS

- Reduces the time spent pressure testing lubricators prior to exposing it to the live well pressure
- The rig up can be tested whilst pressure sensitive equipment, such as Perforating Guns are in the lubricator
- In-Situ Test Sub connected directly to the Wireline Valve will save rig up heights
- Time saving benefits

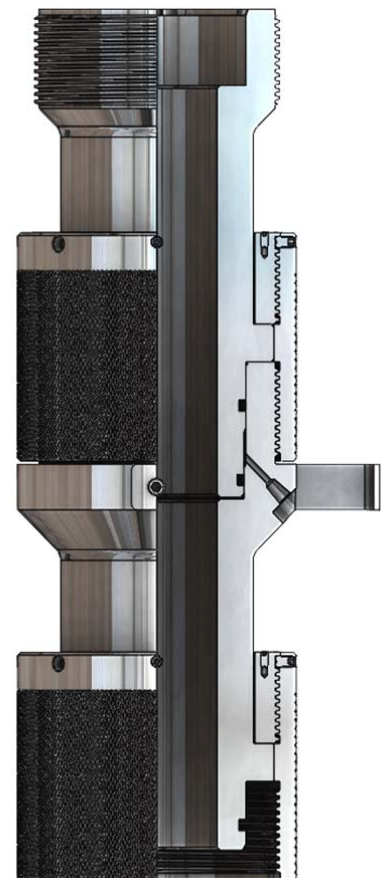
The MJM In-situ Pressure Test Sub was originally designed to reduce time spent pressure testing the broken lubricator connection after tool changes.

The In-situ Pressure Test Sub takes the place of the bottom connection, effectively becoming the joint that has been broken. As a result of its unique design, it can be tested in isolation to the rest of the rig-up, by the simple use of a small hand pump.

The mid-joint of an In-situ Pressure Test Sub is like any other quick union, except that it has two O-ring seals with a pressure test port between them. This feature is responsible for easy testing of joint integrity.

As noted, this saves pressure testing the whole lubricator rig-up, however there is another added advantage in that it allows for the lubricator system to be pressure tested whilst pressure sensitive equipment (such as perforating guns) are in the lubricator.

In-situ Pressure Test Sub centre connections fitted directly to WLVs or other equipment, saving in rig-up height, can be supplied by special order.



Crossover Adapters

FEATURES

- Connection combinations to suit requirements (some examples below)
 - Quick union to quick union
 - Quick union to flange
 - Flange to threaded connection
 - Quick union to threaded connection
 - Threaded connection to threaded connection
- Fully certified designs, with reference to API (6A and 5CT)

BENEFITS

- Ease of adapting between connections
- Utilize existing equipment on different sized wellheads
- Designed and manufactured to meet industry standards

Crossover Adapters are available in various configurations which can include API flanges, quick unions and thread connections.



Lubricator and Risers

FEATURES

- Fitted with industry standard quick unions
- Can be supplied in various lengths
- Threaded or integral design
- Lightweight design available

BENEFITS

- Provides compatibility with most surface pressure control equipment
- Promotes accurate rig up heights for a more manageable working window
- Threaded design allows for change out of quick unions
- Integral design reduces possible leak paths and reduces maintenance
- Offers significant weight saving on conventional lubricator designs

MJM Lubricator and Riser Sections are designed to act as chambers for deploying wireline tools into the well whilst under pressure.

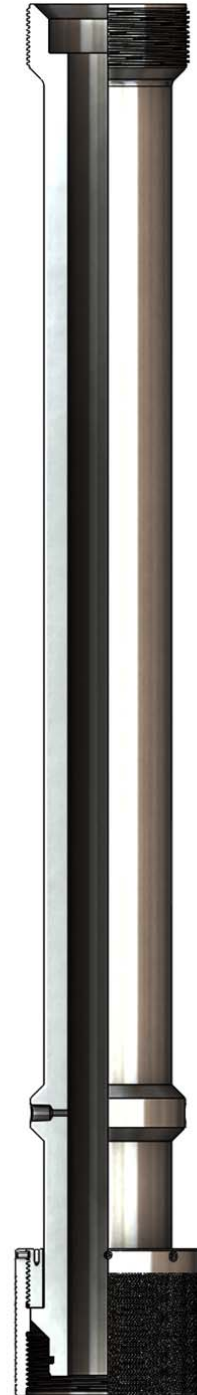
Lubricator/riser is available in various constructions:

- Conventional (Riser and Lubricator)
- Integral (Riser and Lubricator)
- Lightweight (Lubricator)
- Flanged (Riser)

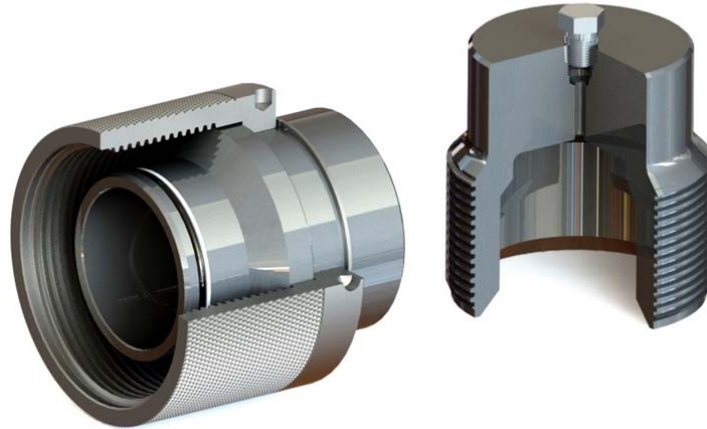
Both lubricators and risers are available with quick unions.

Lubricators come in standard lengths from 2ft to 12ft and custom lengths are available on request including longer riser sections which are often used between the wellhead and rig floor.

Lubricator and riser can be ported with a ½" (0.50") NPT for up to and including 10,000psi WP. For working pressures above 10,000psi, 9/16" (0.56") Autoclave high pressure ports are supplied. Ports are available with a saver sub (replaceable port) option.



Quick Union Test Equipment



FEATURES

- Test cap fitted with internal thread for test rod holder
- Threaded ports on assemblies
- Lift/test caps are all CE marked

BENEFITS

- Safely contains test rod during WLV testing
- Reduced manual handling of test fixtures
- Fully tested and certified

MJM Quick Union Test Caps are designed to fit into a Quick Union Box and can be used for pressure testing of pressure control equipment. The assembly consists of a quick union collar and a body with an integral test port.

MJM Quick Union Test Stumps fit into the pin and collar and are fitted with a side port. These are also supplied with threaded holes where eye bolts can be used to aid manual handling.

Test assemblies are available for our quick union connections.

Each test fixture is fully tested and certified.

Lift/test caps are available to suit all of our quick union connections, H2S service is available upon request.



Quick Union Lift/Test Cap

FEATURES

- Manufactured with one piece of steel to give absolute security when making the lift
- Available for every union
- Load test and certified by third party

BENEFITS

- One cap for both lifting and testing applications
- Convenient and safe way of capping-off a WLV that is left on the wellhead

MJM Quick Union Lift Caps share the duties of a pressure test and lifting component. These can be used as an efficient means of moving then pressure testing equipment. They also offer a convenient and safe way of capping-off a WLV remaining on a wellhead.

Unlike a Quick Union Lifting Cap, the Lift / Test Cap has a complete union pin, collar and test port. The integral eye offers a means of connection to the lifting device.

With safety being our number one priority, the main body of our Quick Union Lift / Test Caps is manufactured from one piece of steel, ensuring absolute security when making a lift.

For further security, our Quick Union Lift / Test Caps are designed to meet all current lifting regulations and are load tested, pressure tested and certified by a third party to a specific working load



Quick Union Lifting Cap

FEATURES

- Manufactured with one piece of steel to ensuring absolute security when lifting rather than threaded eye bolts
- Meets all current lifting regulations
- Load tested and certified by third party
- Available for all Hunting quick unions

BENEFITS

- Safely manufactured using one piece of steel

MJM Quick Union Lifting Caps offer a safe and convenient method of lifting pressure control equipment such as wireline valves and riser sections etc. The Cap is simply threaded onto the top union of the item to be lifted. The integral eye offers the means of connection to the lifting device.

MJM Quick Union Lifting Caps are available for all MJM quick unions.

With safety being MJM's number one priority, our standard Quick Union Lifting Caps are manufactured from one piece of steel, ensuring absolute security when making a lift. For further security, our Quick Union Lifting Caps are designed to meet all current lifting regulations, are load tested and certified to a specific Safe Working Load by a third party.

