

HYDRAULIC LUBRICATOR

The Bowen Hydraulic Lubricator

Tool Trap is a safety device.

Specifically, it is designed to be installed at the bottom of a lubricator or wellhead set-up.



Its presence prevents the loss of valuable wire line tools in case the rope socket is accidentally stripped off. Any tools dropped down the lubricator will be caught by the slotted Stop in the Tool Trap. The Stop has an opening larger than the wire line, but smaller than the subsurface tools.

In operation, the integral piston is actuated by a hand pump, or available rig hydraulic power. This raises the Stop and allows subsurface tools to be lowered through the Tool Trap. The piston is then pumped back to its original position, and small springs assure that the stop returns to catch position.

There are basically two types i.e. 3" – 5 1/2" 10,000 Psi H₂S service and 3" – 5 1/2" 5,000 Psi H₂S & standard service.

Specification

Wireline Lubricator Assembly

Working Pressure: 10,000 PSI
Service: H₂S

Size: 6-3/8"
I.D.: 10ft. long with
11-1/2" – 4thd (8.250" seal Dia.)

Size: 5-1/8"
I.D.: 10ft. long with
9" – 4thd (6.750" seal Dia.)

Otis quick unions top and bottom with thread protectors and (1) 3" WECO 1502 side outlet with blanking plug and collar.

Working Pressure: 10,000 PSI
Service: H₂S
Size: 3"
I.D.: 10" long with
5-3/4" – thd (4.000" seal Dia.)

Working Pressure: 5,000 PSI
Service: H₂S
Size: 3"
I.D.: 10" long with
5-3/4" – 4thd (4.000" seal Dia.)
Lubricator lifting Clamp to fit 5-1/8" 10K H₂S
Lubes and spreader Bar with (2) 14" wire
rope slings and shackles.

Otis quickunion top and bottom with thread protectors.