

Tooltraps



Hydraulic Tool Traps 5,000 & 10,000 psi

TIS Tool traps are positioned on the lubricator stack between the bottom lubricator section and the wireline valve assembly. Their function is to "Trap" the wireline tool string within the lubricator stack in the event of the wire / cable being accidentally stripped from the rope socket / cable head, preventing a possible fishing job or potential damage to the swab valve on the xmas tree.

Hydraulic Tooltrap

Hydraulic tool trap assembly with two internal flappers which are operated to the open and close position by means of a hydraulic piston. Hydraulic pressure is applied to open the gates allowing the tool string to pass, once the tool string is clear of the trap, hydraulic pressure is applied to close the gates. The gates are spring loaded and when the tools are retrieved from the well, the flappers open as the tool string passes through and close automatically.

The TIS tool trap range is available with the following options

- 5,000 Psi, 10,000 Psi and 15,000 Psi working pressures.
- Standard or sour service.
- Service temperature range of -29 to +121 Degrees C.
- Choice of quick union connections.

Technical features include

- Counter balance operating handle acts as a visual indicator on the manual tool trap.
- An external indicator rod, attached to the hydraulic piston, provides positive indication of flapper position on the hydraulic tool trap.

Manual Tooltrap

Manual tool trap assembly normally used in 3.00" ID, 5,000 Psi operations. The trap comes with a single flapper valve which is manually opened, allowing the tools to pass. When the tools are retrieved from the well, the flapper opens as the tool string passes through and closes automatically, by means of the counter-balance weight on the manual handle.

Thro' Bore	Working Pressure	Quick Union	Part Number	Redress Kit
3.00"	5,000 psi	5-1/2"-4x2 'B' Type	0034-00002-TIS	0034-00002-KIT
3.00"	5,000 psi	5"-4Thd 'O' Type	0034-00001-TIS	0034-00001-KIT
3.00"	10,000 psi	6-5/16"-4Thd 'B'	0034-00009-TIS	0034-00009-KIT
3.00"	10,000 psi	5-3/4"-4Thd 'O' Type	0034-00010-TIS	0034-00010-KIT
4.00"	5,000 psi	7"-5Thd 'B' Type	0034-00003-TIS	0034-00003-KIT
4.00"	5,000 psi	6-1/2"-4Thd 'O' Type	0034-00004-TIS	0034-00004-KIT
4.00"	10,000 psi	8-1/4"-4x2 'B' Type (10k)	0034-00011-TIS	0034-00011-KIT
4.00"	10,000 psi	8-3/8"-4Thd 'O' Type	0034-00012-TIS	0034-00012-KIT
5-1/8"	5,000 psi	8-1/4"-4x2 'B' Type (5k)	0034-00005-TIS	0034-00005-KIT
5-1/8"	5,000 psi	8-1/4"-4Thd 'O' Type	0034-00006-TIS	0034-00006-KIT
5-1/8"	10,000 psi	8-7/8"-4x2 'B' Type	0034-00013-TIS	0034-00013-KIT
5-1/8"	10,000 psi	9"-4Thd 'O' Type	0034-00014-TIS	0034-00014-KIT
6-5/8"	5,000 psi	9-7/8"-4x2 'B' Type	0034-00007-TIS	0034-00007-KIT
6-5/8"	5,000 psi	9-1/2"-4Thd 'O' Type	0034-00008-TIS	0034-00008-KIT
6-5/8"	10,000 psi	13"-4Thd 'B' Type	0034-00015-TIS	0034-00015-KIT
6-5/8"	10,000 psi	11-1/2"-4Thd 'O' Type	0034-00016-TIS	0034-00016-KIT

Manual Tool Traps 5,000 psi

Thro' Bore	Quick Union	Part Number	Redress Kit
3.00"	5-1/2"-4x2 'B' Type	0034-00017-TIS	0034-00017-KIT
3.00"	5"-4Thd 'O' Type	0034-00018-TIS	0034-00018-KIT

