

Grease Injection Heads



TIS Grease Injection Control Heads are installed on top of the lubricator stack and are used to facilitate a seal and retain well pressure around moving and stationary braided line. The operator friendly lightweight construction makes them especially good for man handling. They have been specially designed to increase the field service life of the cable. Our unique short series, flow tube design, significantly reduces the overall height of the assembly, making them particularly useful where there is a height restriction.

The operational effectiveness of grease injection control heads is dependent on the well pressure, flow tube clearance, number of flow tubes, temperature and the type of grease being used. TIS Grease injection control heads can be very easily set up by the operator, to suit the cable size being run and subsequent well conditions.

Typically, a standard (10K) head comprises of the following

1. Quick union pin & collar connection with integral ball safety check.
2. Four flow tubes.
3. Grease injection and return manifolds.
4. Hydraulic pack off sub-assembly.
5. Optional hydraulic line wiper assembly.

The TIS Grease Injection Control Head 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.
- Choice of cable size.

Technical features include

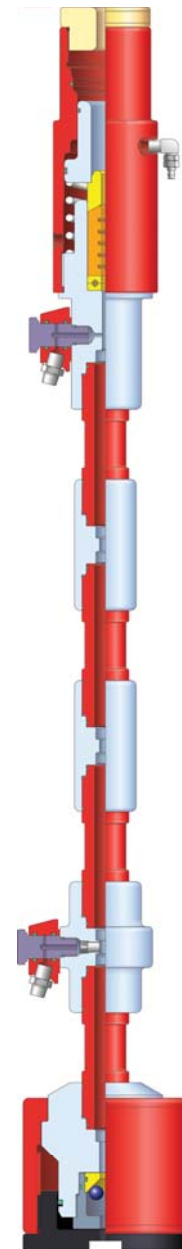
- Integral ball safety check valve within the quick union pin connection.
- Special TIS swivel unions on grease injection and return manifolds, allow the operator to place the hoses neatly to the best operating position.
- The grease injection port is fitted with an integral safety check valve.
- Unique short series, flow tube design reduces operating height.
- Compact pack off rubber design reduces operating height.
- Upper and lower bushings are manufactured from Brass material to increase the field life of the cable.
- Facility to install a hydraulic line wiper assembly. A Brass wear bushing is provided on the top of the pack off sub-assembly. The wear bushing is removed to install the line wiper.

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Working Pressure	Quick Union	Wire Size	Part Number	Redress Kit
5,000 psi	5-1/2"-4x2 'B' Type	3/16"	0033-00029-TIS	0033-00029-KIT
5,000 psi	5-1/2"-4x2 'B' Type	7/32"	0033-00030-TIS	0033-00030-KIT
5,000 psi	5-1/2"-4x2 'B' Type	5/16"	0033-00031-TIS	0033-00031-KIT
5,000 psi	5"-4Thd 'O' Type	3/16"	0033-00032-TIS	0033-00032-KIT
5,000 psi	5"-4Thd 'O' Type	7/32"	0033-00033-TIS	0033-00033-KIT
5,000 psi	5"-4Thd 'O' Type	5/16"	0033-00034-TIS	0033-00034-KIT
10,000 psi	6-5/16"-4Thd 'B' Type	3/16"	0033-00026-TIS	0033-00026-KIT
10,000 psi	6-5/16"-4Thd 'B' Type	7/32"	0033-00027-TIS	0033-00027-KIT
10,000 psi	6-5/16"-4Thd 'B' Type	5/16"	0033-00028-TIS	0033-00028-KIT
10,000 psi	5-3/4"-4Thd 'O' Type	3/16"	0033-00025-TIS	0033-00025-KIT
10,000 psi	5-3/4"-4Thd 'O' Type	7/32"	0033-00007-TIS	0033-00007-KIT
10,000 psi	5-3/4"-4Thd 'O' Type	5/16"	0033-00024-TIS	0033-00024-KIT

Flow Tube Sets

Nom. Cable Size	Max. Wire Dia.	Part Number
3/16"	0.184"	0033-00016-TIS
3/16"	0.189"	0033-00012-TIS
3/16"	0.192"	0033-00017-TIS
3/16"	0.197"	0033-00023-TIS
7/32"	0.215"	0033-00015-TIS
7/32"	0.219"	0033-00011-TIS
7/32"	0.223"	0033-00009-TIS
7/32"	0.227"	0033-00013-TIS
5/16"	0.309"	0033-00019-TIS
5/16"	0.314"	0033-00020-TIS
5/16"	0.317"	0033-00021-TIS
5/16"	0.321"	0033-00022-TIS



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