



## GREASE INJECTION CONTROL HEADS

Grease Injection Control Head (GICH) is required to obtain a seal when using braided line for heavy duty such as swabbing or fishing.

**Principle of Operation:** Grease is injected at a pressure higher than the well pressure (approximately 20% higher). The grease fills the interstitial grooves between the braided line stands. The most critical component of the grease injection head are the 'flow tubes'. These should be approximately 0.010" ID larger than the measure ODS of the o-line. The seal is achieved by the pressure drop created across the small gap between the line and flow tubes.

A wiper box on top of the grease injection head retains a large percentage of the grease.

### Ancillary Equipment

The following equipment are required to operate the grease injection system

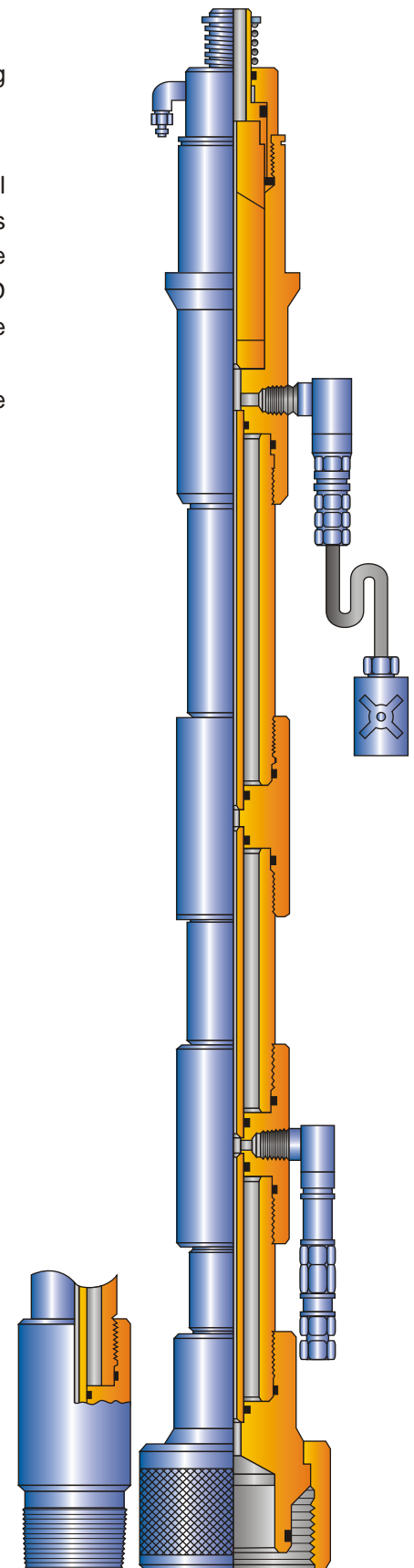
- Compressor (Back-up system essential in high pressure situations)
- Grease reservoir
- Grease Pump
- Connection hoses
- Dual BOP system

### Use :

The following factors will effect the volume of grease required :

- Clearance between the flow tubes and line
- Temperature
- Well pressure
- Line Speed
- Line Size
- Grease viscosity.

Engineering Data For Grease / Oil Injection Control Head		
W.P. (PSI)	LOWER CONN.	PART NO.
2,000 (Non-STD)	2 EUE PIN	108591
2,000	2 EUE PIN	108591
5,000	2-7/8 EUE PIN	108663
10,000	TO SELECT FROM QUICK UNION IDENTIFICATION CHART PART NO. 39 & 40	108806



**GREASE INJECTOR HEAD**