



## Wireline Lubricator with Threaded Union

**The Lubricator** provides the downhole tool string with a pressure buffer zone and a transition zone through which the instrument passes. According to the needs of the site, multiple Lubricators can be connected in series.

The Wireline Lubricator with Threaded Union is made up of sections of tubing material threaded on both ends to accept Quick Unions. It consists of 4 basic parts: a quick union collar, a male quick union, a lubricator tube, and a female quick union. This type of Lubricator is usually recommended service in working pressure  $\leq 10000$ Psi.

During Slickline operations, three Lubricator sections are normally used, each having a different ID, the uppermost section having the smallest, then opening out to the lower section with largest ID. During the Wireline operations the Lubricators normally have the same ID. Generally, it requires the total length of Lubricator sections at least 1000 mm longer than downhole string tool.

An optional Bleed-off Port may be incorporated into the lubricator assembly. This involves a ported NPT-1/2" sub between the Lubricator tube and the bottom Quick Union.



### Feature

- 1) Assemblies available in custom lengths and sizes.
- 2) Available with customized top and bottom connections.
- 3) Working pressure and service ratings available.
- 4) Industry-standard unions.
- 5) Threaded or Integral design for selective.





**Main Parameter**

- 1) I.D.
- 2) Working Pressure
- 3) Upper and Lower Union Required ( Bowen or Otis )
- 4) Service Environment ( STD or H2S )
- 5) Working Temperature

Wireline Lubricator with Threaded Union						
Model	Working Pressure	Normal I.D.	Actual I.D.	Upper and Lower Connection	Service	Working Temperature
FPG5-21	3000Psi	2-1/16"	52mm	3 1/2"-6SA Type W	STD or H2S	P + U -20°F~+250°F (-29°C~+121°C) Or As Required
FPG6-35	5000Psi	2-9/16"	65mm	4 1/4"-4ACME Type W		
FPG6-70	10000Psi			4 3/4"-4ACME Type B		
FPG7-35	5000Psi	3"	76mm	4 3/4"-4ACME Type B		
FPG7-70	10000Psi			5 3/4"-4ACME Type O		
FPG10-35	5000Psi	4" or 4-1/16"	103mm	6 1/2"-4ACME Type O		
FPG10-70	10000Psi			8 3/8"-4ACME Type O		
FPG12-35	5000Psi	4-1/2"	120mm	7 1/2"-4ACME Type O		
FPG12-70	10000Psi			7 1/2"-4ACME Type O		
FPG13-35	5000Psi	5" or 5-1/8"	130mm	7 3/4"-4ACME Type W		
FPG13-70	10000Psi			9"-4ACME Type O		
FPG14-70	10000Psi	5-1/2"	140mm	9 1/2"-4ACME Type O		
FPG16-35	5000Psi	6-3/8"	162mm	9 1/2"-4ACME Type O		
FPG16-70	10000Psi			11 1/2"-4ACME Type O		

*Note: 4ft, 8ft, 10ft length are normal Lubricator length for selective. Customized length available on request.*

**Note**

- 1) There are Bowen (Type B), Otis (Type O) and our own Quick Union (Type W) for threaded selective.
- 2) Additional size available on request.



### ***Normal Guarantee Period***

12 months after the clients received the Equipment  
or 13 months after the commodity be shipped from Chinese Harbor.

### ***Information Required When Inquiry***

If you will purchase the whole Wireline PCE,  
please refer to the [Information Required When Inquiry](#) in Chapter 《Wireline PCE》 .

If you purchase the Lubricator separately, the **Main Parameter** information above mentioned will be asked.

*Subject to change without notice*