UHD XCS Slickline Jar

Protects against time-consuming and expensive stuck tool strings for ultraheavy-duty fishing application

Applications

- Slickline
- Fishing
- Stuck tools

Features and Benefits

- Greatly increases the force available at the tools
- Fully adjustable on the surface while in the toolstring
- Pressure and temperature compensation system with mechanical components isolated from wellbore fluids
- Short and compact design keeps rig ups as short as possible

Tool Description

The Weatherford UHD XCS slickline jars are high-performance tools for ultraheavy-duty fishing that protect against time-consuming and expensive stuck toolstrings and fishing jobs.

With slickline, there is often a very limited amount of overpull available to free stuck tools. Weatherford jars greatly increase the force available at the tools using energy stored in compressed springs and the slickline itself to create a powerful upwards impulse.

The jar activation force can be easily adjusted at the surface while in the string to account for different operations.

All Weatherford XCS slickline tools use a sealed mechanical design that is suitable for harsh, hostile, and debris-filled environments.

Weatherford®

UHD XCS Slickline Jar

Specifications

Diameter OD	2.125 in. (53.98 mm)	2.500 in. (63.50 mm)	2.688 in. (68.28 mm)
Connections pin/box	1-7/8 in. QLS	2-1/2 in. QLS	2-11/16 in. QLS
Fishing neck OD	1.750 in. (44.45 mm)	2.313 in. (58.75 mm)	
Length (closed)	66.8 in. (1.7 m)	80.8 in. (2.05 m)	89.3 in. (2.27 m)
Length (open)	73.72 in. (1.87 m)	87.37 in. (2.22 m)	95.87 in. (2.44 m)
Approximate weight	58 lb (26.31 kg)	86 lb (39.0 kg)	105 lb (47.63 kg)
Field adjustability	500 - 4,000 lb (226.79 – 1,814.36 kg)		
Total stroke	6.62 in. (168.15 mm)	6.57 in. (166.88 mm)	
Power stroke	5.5 in. (139.7 mm)	4.89 in. (124.21 mm)	
Maximum temperature	400°F (200°C)		
Maximum pressure	25,000 psi (172.4 MPa)		
Compressive strength	81,770 lb (37,090 kg)	35,200 lb (15,970 kg)	87,040 lb (39,480 kg)
Tensile strength	29,550 lb (13,410 kg)	63,940 lb (29,010 kg)	74,230 lb (33,670 kg)