

Weatherford Liner Wiper Plug II

Separates drilling fluid from cement during displacement

Applications

- Any application for which a ball seat in the wiper plug is not required
- Any application for which a dual-plug system is not required

Features and Benefits

- One Weatherford liner wiper plug (WLWP II) can wipe liners of the same size and with varying weights, which enhances operational flexibility.
- The lab-tested and field-proven nonrotating latch system prevents the WLWP II and Weatherford dart single wiper plug (WDSL) drillpipe dart from rotating during drillout of the landing collar, which saves rig time.
- Aluminum and elastomeric materials make the WLWP II drillable using a polycrystalline diamond compact (PDC) bit, which simplifies drillout operations.
- Latching the WLWP II into the Weatherford landing collar (WLC) enables the plug to withstand high bump pressures and high backpressures.
- There is one dart configuration for both the WLWP II and the Weatherford single-wiper plug (WSWP II): WDSL. This enhances efficiency by eliminating the need for a separate dart for each wiper-plug model.

Tool Description

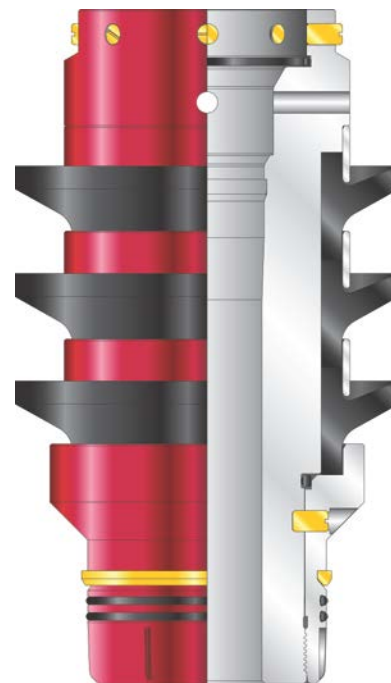
The WLWP II separates drilling fluids from cement during displacement and is compatible with the WLC. The WLWP II is shear pinned to the bottom of liner-running tools. When the compatible WDSL drillpipe dart is released behind the cement and reaches the WLWP II, the dart latches and seals into the WLWP II. Differential pressure across the WLWP II launches the plug, which enables the WLWP II to be displaced through the liner. Here, the plug acts as a mechanical barrier behind the cement. The WLWP II then lands and latches in the landing collar and creates a positive seal from both above and below the landing collar.

Specifications

Please contact an authorized Weatherford representative.

Options

- A specially designed WLWP II can be used to close the Weatherford 754D hydraulic stage tool.
- Hydrogenated nitrile butadiene rubber (HNBR) fins and O-rings are standard. Other elastomers are available upon request.



The WLWP II incorporates a field-proven, nonrotating latch system into a standard wiper plug and enables faster drillout.

