

### DESCRIPTION

#### **A-DW-DP, A-228-Drill Pipe Wiper Plug- Dual Plug System**

#### **A-LWDP, A-226-Liner Wiper Plug- Dual Plug System**

The Drill Pipe Wiper Plug (DW-DP) and Liner Wiper Plug (LW-DP) are Dual Plug-Collet Release surface deployed Plugs used to isolate cement from the displacement fluids during cementing operations. The LW-DP are compatible with the Liner being hanged, and the DW-DPS are compatible with the running string.

Both Plugs feature anti-rotational Latch Profiles that prevent the Plugs from backing off and lock them in place to facilitate Drill out.

Both the Liner Wiper Plugs are connected by means of a Collet system, that ensures proper sequence of release and reduces the chances of accidental release even in difficult wellbores.

The LWDP is shear pinned to the Shear adapter of the Slick Joint and has an ID to allow cement to pass thru, once the displacement fluid has been pumped the 1<sup>st</sup> DWDP is released from the Cementing Head followed by cement, it wipes down the Drill String and lands and latches into the lower LWDP. Increase in pressure shears the Lower LWDP, both Plugs land and lock in the landing collar and seal with the Landing collar, or into the Stage Cementing Collar, where used for Slotted Liner Systems.

Now, the Second DWDP is released which latches into the Upper LWDP and shears the same, the cement is pumped thru the Landing Collar, and the Plugs latch into the Landing Collar

Both Wiper Plugs are manufactured from high-grade aluminum, allowing for easier drillout with a PDC bit.

### FEATURES

- Anti-Rotational Latch.
- Ease of drill out
- Locked to prevent back-off
- PDC drillable.
- Prevents premature release.

### APPLICATIONS

- Cementing operations during Liner applications.
- Wiping the running and liner strings.
- Prevent contamination of cement.

### BENEFITS

- Separates displacement from the cement.
- Wipes the Running and Liner string of excess cement.
- Anti-Rotation latch feature prevents back off and reduces drill out time.
- Collet Release.

### DIMENSIONAL SPECIFICATIONS

Available for different sizes of Drill Pipes (3 ½", 4 ½", 5") and Liners (5", 7". 9 5/8" etc.)

