



Aerospace Sensing & Controls

Fillers

Helilok®



Transmissions, gearboxes, engine lubrication, and hydraulic reservoirs require filling devices that are easy to operate but that also provide security. Eaton's filler line utilizes a high-reliability Helilok® quick-disconnect locking mechanism. The cap features a scalloped grip that makes removal with a gloved hand easy and that indicates the filler is locked by lining up hex points.

Typical units include a lanyard to keep the cover from dropping after it has been removed. Optional features are strainer inserts to keep undesirable material from entering along with fluids, and dipsticks in various lengths and cross section with customized markings.

A "pre-vent" option is designed to release internal reservoir pressure before the push-and-turn motion completely disengages the cap.

Features

- Materials: Aluminum alloy
- Mounting: Various thread sizes, typical UNF-3A
- Special rain cap option
- Drop-in strainer, dipstick optional
- Available pre-vent feature releases internal pressure before cap removal

Snap-Cap



For reservoirs that do not require pressure sealing, the snap-cap filler can provide a cost-effective solution. These can be supplied so that the cap stays open when tilted beyond 100° or to close when released. The units combine simplicity and ruggedness.

Optional features include removable strainers, dipsticks, or large capacity breather dome that is filled with a polyurethane foam.

The units can be mounted by bonding onto a bushing or furnished with a flange for bolt screw mounting. The standard construction is a die-cast alloy.

Features

- Cost-effective for low pressure applications
- Cap stays open when tilted beyond 100° or can be self-closing
- Flange or standard mounting for bonding into a bushing
- Extension tubes, strainers, breather domes available as options

Filler Cap with Scupper and Removable Strainer



Unique designs to meet exacting standards or difficult positioning problems are readily available in Eaton's products. The unit shown is for a helicopter transmission and incorporates a scupper arrangement to keep any oil spillage contained.

With more than 50 years experience in anticipating and meeting the critical needs of the Aerospace industry, Eaton Aerospace-Sensing & Controls has achieved and maintained a position of leadership in supplying high-reliability Tedeco® brand gearcase accessories and lube systems condition monitoring. The company looks forward to the future with expectations of continued customer service and further unique contributions to fluid system technology and advanced oil debris monitoring.

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