



## 17 Series – Tee Type Filter – Spin-On Upgrade

During extensive lube oil contamination testing on a critical military program, it was discovered that under certain flow conditions, spin on filters allow contaminant to penetrate downstream because of the way the filter cans are assembled. A typical 3 micron, glass fiber spin on is a beta 75 at 3 micron while the new 17 series cartridge element, designed to replace any standard spin on in the market as a simple retro fit kit, is a beta 1000 at 2.5 micron.



Get New And Used  
Lube Oil Even Cleaner

Swap-In Filter Kit On  
Existing Systems

Takes 90 Seconds

Uses **Existing** Spin  
On Head



Beta test Results on MIL-PRF-23699, 15 minute sample interval.

Filter	ISO4406 Start	ISO4406 Finish	NAS Class
Spin On – 3 Mic.	17/15/11	13/12/<1	4
17 Series 3 Mic.	17/15/11	12/<1/<1	00

## Filter Panel

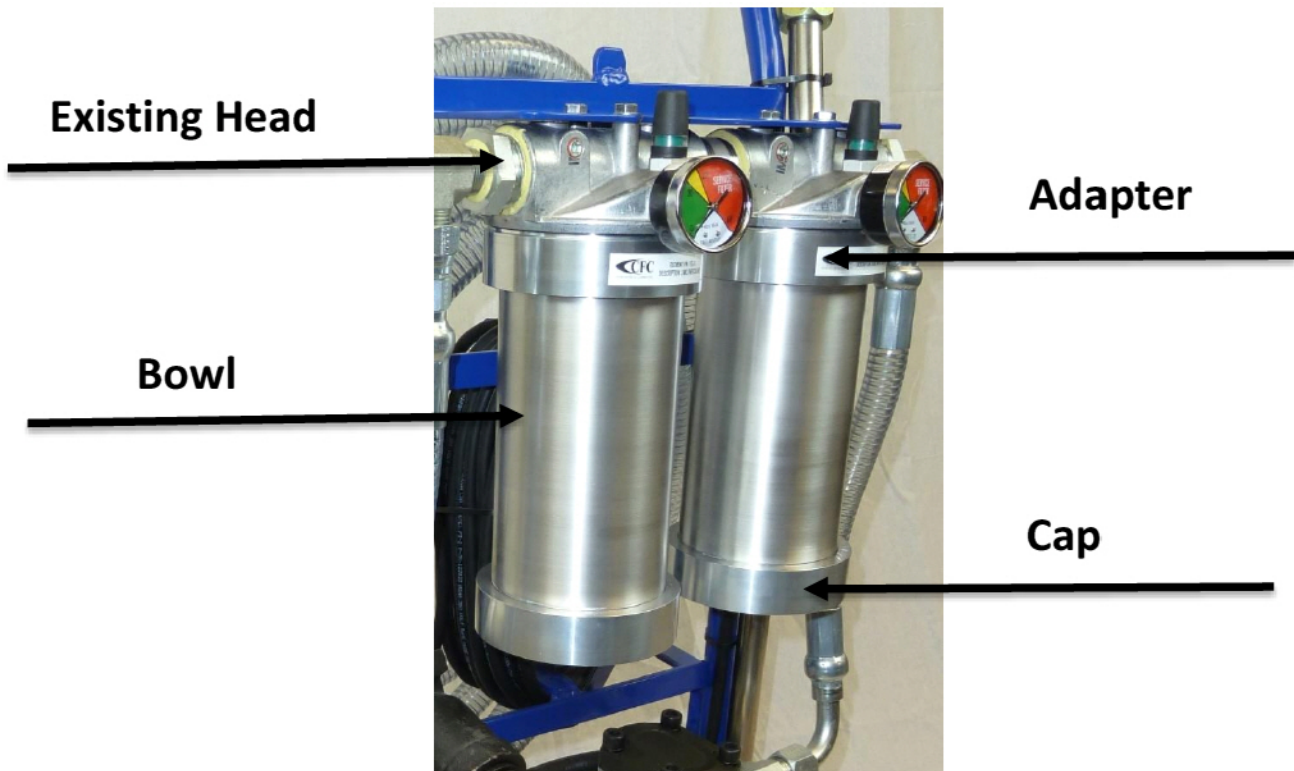


## Drum Topper

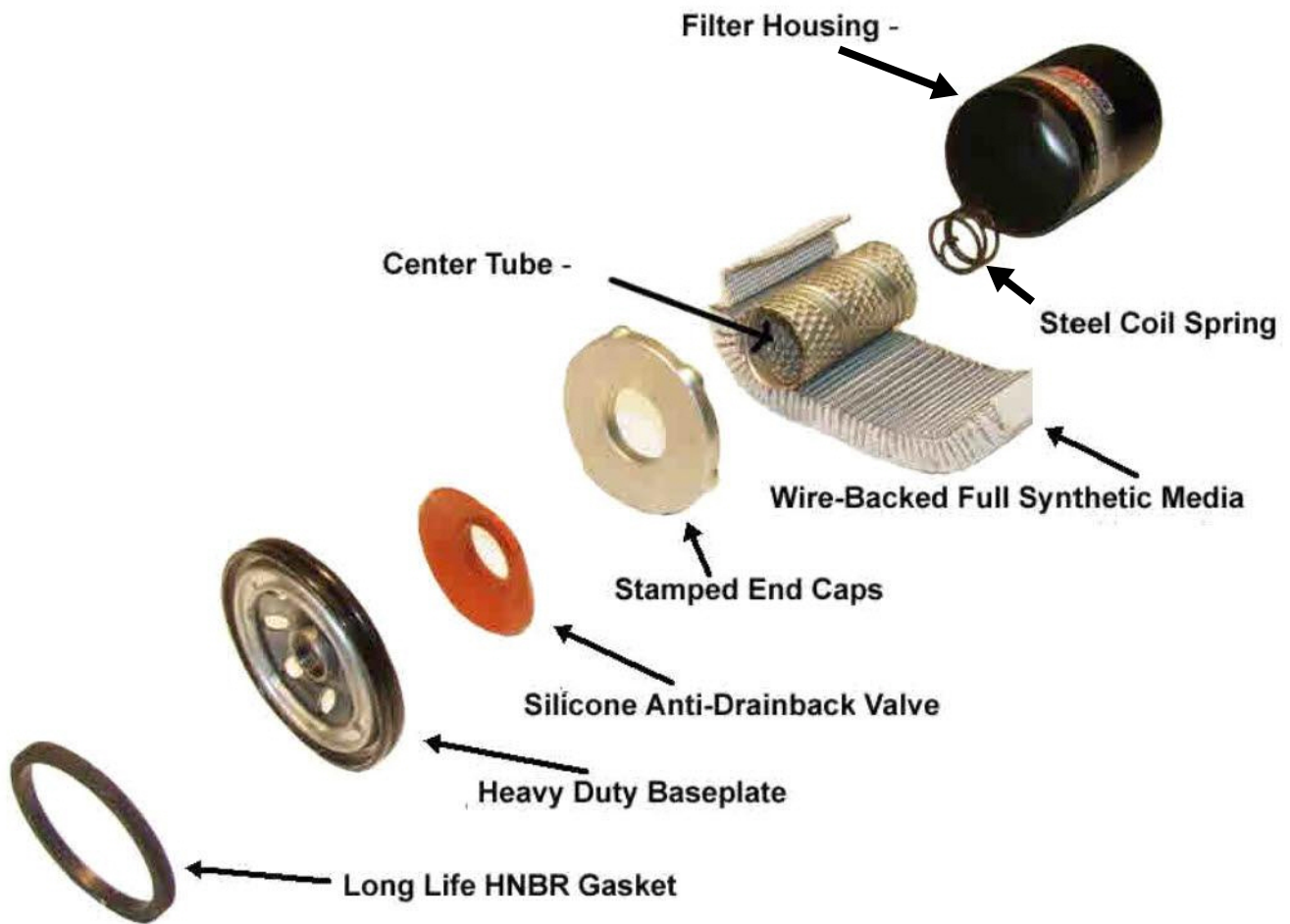


## Kit for Cart and Panel

## Kit for Drum Topper







After numerous tests had yielded the same results, our theory is that under certain flow conditions, temperature and viscosity will cause the coil spring to compress more than intended, therefore allowing the anti - drainback valve, which is merely a rubber gasket, to separate from the baseplate allowing a flow path for non-filtered fluid to bypass the element and flow downstream.

\*Due to different system setups, customer results may vary.

## Parts List - Cart and Panel

---

CLIN	Part number	Description	Quantity
1	17E-AD-ADAPTER	HEAD, ADAPTER	2
2	17E-AD-BOWL	BOWL	2
3	17E-AD-CAP	CAP, BOWL	2
4	4010-245V7	O-RING VITON	4
5	17E-2-10MA	ELEMENT, 10MIC, WATER ABSOB	1
6	17E-2-3	ELEMENT, 3 MIC, PARTICULATE	1
7	17E-SW	SPANER WRENCH	1
8	17E-SEALANT	LOCTITE, TUBE	1
9	17E-LB-1	LABEL 17E-2-10MA	1
10	17E-LB-2	LABEL 17E-2-3	1
11	17E-AD-GSKT	TOP HEAD GASKET	2
12	17E-PLUG-LP	HEX-SOCKET NPT PLUG	2

## Parts List - Drum Topper

---

CLIN	Part number	Description	Quantity
1	17E-AD-ADAPTER	HEAD, ADAPTER	2
2	17E-AD-BOWL-SM	BOWL	2
3	17E-AD-CAP	CAP, BOWL	2
4	4010-245V7	O-RING VITON	4
5	17E-1-10MAAV	ELEMENT, 10MIC, WATER ABSOB	1
6	17E-1-3	ELEMENT, 3 MIC, PARTICULATE	1
7	17E-SW	SPANER WRENCH	1
8	17E-SEALANT	LOCTITE, TUBE	1
9	17E-LB-1	LABEL 17E-2-10MA	1
10	17E-LB-2	LABEL 17E-2-3	1
11	17E-AD-GSKT	TOP HEAD GASKET	2
12	17E-PLUG-LP	HEX-SOCKET NPT PLUG	2