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**Velcon Filters, Inc.**

# **Service Bulletin**

**September 30, 2002**

**Vol. 1 Number 1**  
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## **Service Life for Monitor Cartridges**

This bulletin is being issued to advise operators that we have recently conducted lab tests on a variety of Velcon's two-inch diameter monitor cartridges that had been in service. Test results from two locations have shown that the performance of two-inch monitor cartridges deteriorates over time, and the deterioration is more pronounced with monitor cartridges that have seen a high throughput. At this time we have no test data on 6" monitor cartridges that have been in service.

We plan to work with the API/IP 1583 Technical group and a number of Airlines and FBO'S to obtain more data from different into plane operations for elements (both 2" and 6" diameter) at several stages in service life to enable appropriate recommendations and actions to be taken. Please contact Velcon if you are able to participate in this program.

Please contact your company aviation fuel expert for recommendations on cartridge change out. In the meantime we highly recommend the following action:

1. Monitor differential pressure daily – if operating at reduced flow, record differential pressure and flow rate and calculate corrected differential pressure. (See attached service bulletin – Vol. 1, No.2.) Replace cartridges if the corrected differential pressure is 5 psi below previous reading.
2. Using Velcon's Hydrokit<sup>®</sup> or Shell Water Detector, measure total water in fuel at each fueling – replace cartridges if water in fuel exceeds your company guidelines.

We will keep you informed of the results of our evaluations. Please contact us as [vfsales@velcon.com](mailto:vfsales@velcon.com) if you have any questions concerning this bulletin.



*Service Bulletin is published by the Marketing Services Department of Velcon Filters, Inc.*

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