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Fire Service Plus, Inc.  
180 Etowah Trace  
Fayetteville, Georgia 30214

Dear Mr. Thames & Staff;

As a long time customer and user of your products, our department has had the opportunity to use and evaluate under actual conditions the newest formulation of Fire Ade 2000 for an extended period of time. Our evaluations come from our own in house testing and training under various conditions with various materials consisting of class "A" and class "B" flammables & combustibles including the new formulations of motor fuels such Flex Fuel, E 85 (Ethanol 85%), Low Sulfur and off road agricultural diesel, and of course unleaded Gasoline in various blends.

We have determined from our observations and testing over the past two year period that the use of Fire Ade 2000 will very effectively control fires where we had typically utilized in specific applications both class A and AFFF types of foam while using substantially less Fire Ade 2000 educted at the most common percentages of 1%, 3% and 6% respectively. During the previous two year period we have added Fire Ade 2000 directly into the tanks of our fleet of 15 first line and four reserve apparatus and have as a result, noticed several added advantages such as faster knock down and control of fires.

Firefighters and Chief Officers have both reported knock down of structure fires and vehicle fires as much as 50 % quicker with five gallons of Fire Ade 2000 added to the 750 gallons of tank water carried on the apparatus. I personally have observed this condition myself on several occasions. During the current ongoing drought we are experiencing in our region, (Level IV drought conditions) as indicated by the State of Georgia, this has resulted in conservation of water resources. The only minor problem we have experienced by adding Fire Ade 2000 into our tanks was due to the very high foaming capabilities of Fire Ade 2000.

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Some apparatus equipped with electronic tank level indicators have reported "false readings" in the water level indicator due to small amounts of residual foam in the tank after the tank had been emptied. This was quickly and inexpensively resolved by a phone call to Fire Service Plus; we now simply add one bottle, 16 ounces of Isopropyl Rubbing Alcohol at a cost of a whopping 75 cents per bottle directly into five gallons of Fire Ade 2000 prior to adding it in to the apparatus tanks. This has in no way adversely affected the performance of the Fire Ade 2000. It did correct the random conditions of the "false tank level readings". I am sure this minor problem would not be specific to Fire Ade 2000 but to any product which has high foaming capabilities.

In addition to the tactical advantages of Fire Ade 2000 I have mentioned, our maintenance division reports a reduction in maintenance to our fleet of apparatus in various fire pump components and ball valves. Use of Fire Ade 2000 can be directly attributed to reduction in maintenance of ball valves of 50 to 60 percent resulting in reduced costs and down time of apparatus for valve repair and replacement. According to our maintenance division our current figures for ball valve replacement for a 2 ½ swing out ball valve range from \$50.00 to \$65.00 per valve in parts only with an average downtime and labor of four hours. Taking into consideration most Fire Apparatus have ten or more ball valves of various sizes the repair and maintenance costs to these items can add up quickly. Internal pump components are much cleaner and easier to service and seem to be better lubricated internally as a result of the use of Fire Ade 2000.

Overall we are very satisfied not only with the performance of Fire Ade 2000, but the support and service provided by the entire staff of Fire Service Plus; keep up the good work and should you need us feel free to call.

Sincerely,



Bud Benefield Deputy Chief  
cc: Chief Thomas & Department files