



### **FIRE DEPARTMENT:**

Fridley Fire Department,  
Fridley, Minnesota

### **APPLICATION:**

TetraKO water enhancer used  
from a 500-gallon pumper and  
1 1/2 inch hand line.

### **SUMMARY:**

On the northbound lane of  
University Avenue, TetraKO water  
enhancer takes on a fully engulfed  
car fire that originated in the  
engine compartment and spread  
to the passenger compartment.  
Even with a fuel-fed fire  
underneath the car, the incident  
is fully contained with less than  
125 gallons of mixed solution.

# TetraKO™

**ATTACK. SUPPRESS. CONTAIN.**

## **FIRE INCIDENT REPORT #6:**

September 15, 2010

I've been in the fire service for 30 years and I've seen different products come and go. The TetraKO water enhancer made me sit up and take notice: You know, this might be the one that gives us a better way to put out fires and it's why we became a Peer Group department. We had a car fire on University Avenue less than a half mile from the station. When we pulled out of the station and looked to the north, we saw the black plume of smoke that told us we had a worker. It was a four door Maxima and the engine compartment was fully involved – with fire rolling out from the wheel wells. The fire was coming out of the front grill, the fender area, and through the firewall and interior dash. It was burning away the windshield.

Firefighters used a 100-foot, inch and a half pre-connect line set at 150 gpm at 50 psi. The crew pried up a corner of the hood and gave it a five to ten second burst into the engine compartment. We then opened the passenger side door and gave a very short burst in the dash area. That pretty much choked that fire out and we had instant steam conversion.

One of the challenges on this fire was that it had burned through the fuel line so we had a fuel-fed fire that reignited underneath the car. We had to finesse it a little bit to get the upper hand on the situation.

I've been on similar car fires and you wonder if 500 gallons of water is going to carry you from beginning to end. On this fire we used, even with the fuel aspects, a little over a hundred gallons. This is a tremendous statement of how well the TetraKO extinguished the fire so we could concentrate on the overhaul. TetraKO performed optimally and it certainly made for a better day!

—Assistant Chief John Crelly



**After lifting the hood and hitting the engine for 5–10 seconds and a short burst to the dash, we had almost instant steam conversion.**



*Better Solutions...Naturally!*

EarthClean Corporation  
120 Bridgepoint Way, Suite A  
South Saint Paul, MN 55075  
844-838-7256 • EarthClean.com