



FIRE DEPARTMENT:

Fridley Fire Department,
Fridley, Minnesota

APPLICATION:

TetraKO water enhancer attacks an interior car fire with some extension to the engine compartment and trunk.

SUMMARY:

A car fire that started in the area where the floor and the center console meet has spread to fully engulf the interior. Firefighters use one short five to 10 second burst of TetraKO to completely knockdown and contain the fire.

TetraKO™

ATTACK. SUPPRESS. CONTAIN.

FIRE INCIDENT REPORT #8:

The fire was on University Avenue southbound at 61st, about half a mile south of the station. When we pulled out, we could see the plume of smoke in the sky, so we knew we had a working fire right from the word “go”. The owner had exited the vehicle and crossed the highway. I went to her while my crew responded.

There was a fire in the floor area between the seats of the vehicle, which is kind of strange. Most of the firefighters perked up and went, “Well, that’s kind of odd.” When we arrived, the driver’s window had broken out and it’s full flame. And full flame is coming out the passenger side front window and up through the windshield, so it’s consistent with the story that the fire started somewhere inside the car.

The crew pulled up behind the vehicle and laid a standard bumper line and came in from the passenger side. They did one five to 10 second burst of TetraKO and the fire was completely choked off. I mean, instant steam, and then just a little bit of overhaul but all of the free flaming had stopped at that point.

Based on the couple of car fires on which we’ve enlisted TetraKO, I believe to the core, that we used less firefighting agent. My sense is that this car fire was put out with that short burst of TetraKO. On a traditional car fire with

plain water you always wonder if 500 gallons is going to get you from start to finish. When Class-A foam came along I thought, “This is pretty good stuff.”

You could tell a difference going from water to Class-A foam. I can tell you that I’ve seen a difference going from Class-A foam to TetraKO. There’s that much difference in how the fires are reacting. It’s a progression in the right direction where we’re coming up with a better way to fight fires.

—Assistant Chief John Crelly



When we arrived the car was in full flame, but after one five to 10 second burst of TetraKO, the fire was completely choked off.



Better Solutions...Naturally!

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