



September 26, 2014

On the afternoon of Saturday September 20, 2014 the Ardsley New York Volunteer Fire Department was dispatched for smoke in the structure at a local restaurant establishment located one block from the fire house. Within one minute of the initial dispatch, the call was updated by the local police department as a confirmed structure fire.

Local police department personnel attempted to extinguish an oven fire using an ABC fire extinguisher, but were unsuccessful in their attempt. First on scene for the Ardsley Fire Department was first Assistant Chief TJ Knoesel. Chief Knoesel attempted to extinguish the fire located in the commercial stove, using a ten pound ABC fire extinguisher. The flames from the oven were now emanating out of the oven from grease dripping down to the lower bin of the appliance. The fire dropped down from the fire box causing flames now to blow out from the bottom of the stove and threaten the structure of the establishment. Chief Knoesel's ten pound ABC extinguisher failed when he attempted to extinguish the fire.

The first piece of apparatus on scene was Ardsley's Ladder 50 which is a 2010 Spartan/Smeal Quint. As the crew flaked out the initial line, Ex Chief Patrick Lindsay along with Chief Knoesel entered the kitchen area of the establishment and extinguished the fire with a 2.5 gallon water can with 3% concentration of F-500 premixed. Before the crew could flake the entire first line out completely and charge it, the fire had been extinguished with this single F-500 extinguisher.

If not for the quick action of the crew and the science of F-500, this minor oven fire could have become a much larger monetary loss to the establishment.

Ardsley Fire Department  
Ardsley, New York  
[www.ardsleyfiredepartment.com](http://www.ardsleyfiredepartment.com)