

*The TOWNSHIP Of
OTONABEE-SOUTH MONAGHAN
Fire Department*

September 23/99

MICELL FIRE SYSTEMS

F500 – Testimonial

On February 12, 1999, Otonabee-South Monaghan Station #1 responded to a Manufacturing facility with a report of smoke showing from a wood chip collection silo.

Upon arrival it was found the silo contents had ignited and were burning in the lower portion.

The contents funneled down into the boiler room immediately under the concrete silo.

The boiler room was series of large augers that fed the boilers. The fire had progressed down into the central catch area and extended back up through the augers to the boilers.

The augers and catch base were constructed of steel. The temperatures were hot enough at the time of the Fire Department arrival to already have melted the fire rated glass out of the inspection doors. The augers and catch base were red to white hot with danger of collapse.

It was decided to attack the situation with an application of F-500 Product at 1% from our truck mounted foam injector system.

The results were as follows:

1. An application of product in the area of the inspection doors made the doors cool enough to access and open.
2. An application of product to the augers made the exterior of the augers cool enough to touch with very little steam being generated.
3. An application of product into the augers through the inspection doors cooled the pipes and augers and extinguished the fire.

4. An application through the silo top soaked the wood chip content and extinguished the fire.

Summary:

1. The super cooling effect of the F-500 Product allowed a safe and quick attack.
2. The fire was extinguished in minutes with little to no damage.

Foot Note:

The augers were turned on after extinguishment. The shaft, augers and bearings had not seized or warped due to the uniform cooling of the F-500 Product.

In conclusion, I would recommend this product to be used on all initial attack apparatus.

Yours in service,



Ted Bryan, Fire Chief
Otonabee-South Monaghan
Fire Department