



# KOMODO

FIRE SYSTEMS, INC.

## KOMODO K500C

FUEL SUPPRESSION TEST

KOMODO FIRE SYSTEMS, INC.

**\*\*\*CONFIDENTIAL-DO NOT COPY\*\*\***  
**SUBJECT TO NON-DISCLOSURE AGREEMENTS**

## Background

Using an Isopropyl Alcohol gel as the fuel source, a simulated chemical fire in a round above ground tank vessel was used to test the ability of Komodo K500 to put out the fire in this type of fire scenario.

## Procedure

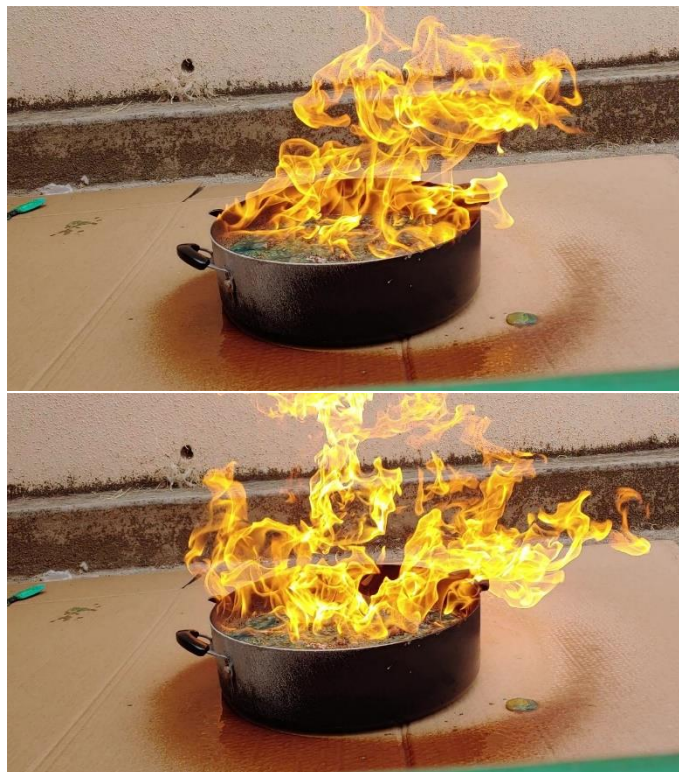
A 16 qt vessel was filled with the IPA fuel gel leaving about 2 inches of head space.

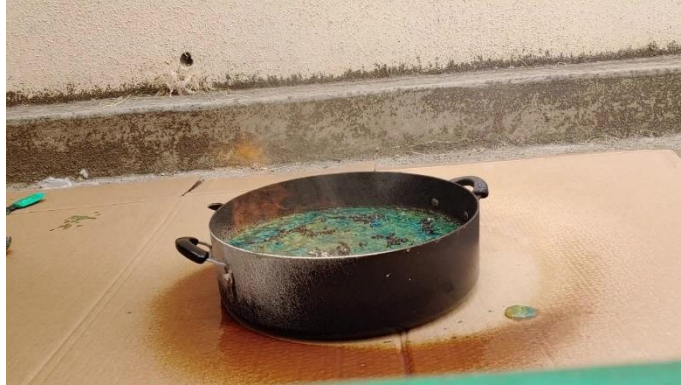
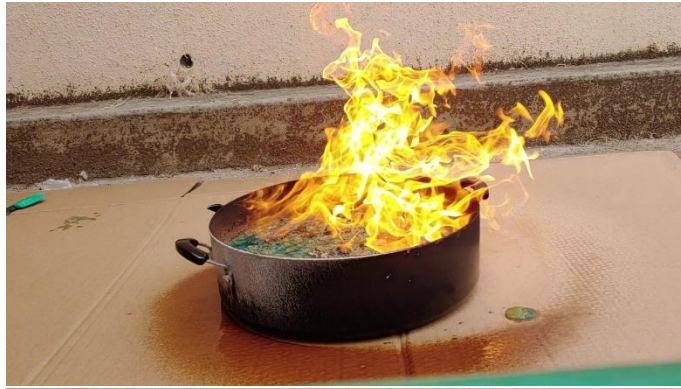
The fuel was ignited.

Once the entire surface of the gel was on fire, a 1-liter spray bottle filled with Komodo K500C diluted to the recommended concentration, was used to extinguish the flame.

Using an infrared digital thermometer, the flames were measured to a to be approximately 920 deg. F.

The fire was suppressed in under 10 seconds, using only 50 mls or roughly 1.7 ounce of K500C dilute.



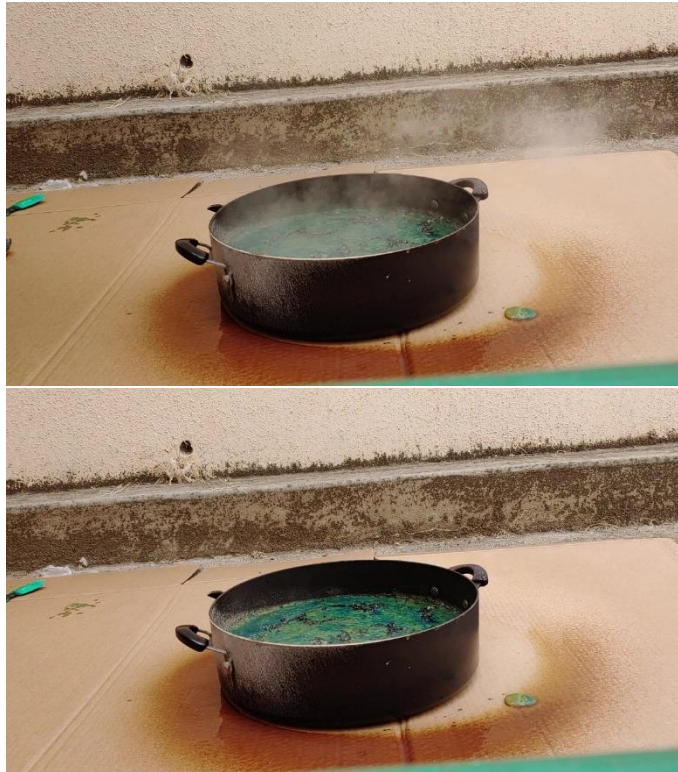


\*\*\*CONFIDENTIAL-DO NOT COPY\*\*\*  
SUBJECT TO NON-DISCLOSURE AGREEMENTS



\*\*\*CONFIDENTIAL-DO NOT COPY\*\*\*  
SUBJECT TO NON-DISCLOSURE AGREEMENTS





### **Link to video**

<https://youtu.be/ygWuJFoOkZw>

### **Conclusion**

Komodo K500C was successful in extinguishing an alcohol gel fuel fire in a small laboratory scale vessel and proved to be an effective suppressant for fuel or solvent type fires in above ground storage vessels.