



## APPLICATION STORIES

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### **APPLICATION: HOUSEHOLD CLEANING PRODUCTS**

Pumping household cleaning products such as oven cleaner, furniture polish, floor waxes, and starch. After blending of various chemicals to manufacture the final products, the product is pumped into various holding tanks within the plant. During this process the product travels through long lengths of piping to various filling locations.

### **PROBLEM:**

Foaming and aerating of the various cleaning products created a problem with the filling process of aerosol cans. Also due to the long lengths of piping, the pumping action of the diaphragm pump created pipe vibration and potential leaks at fittings.

### **SOLUTION:**

By installing a BLACOH pulsation dampener in line on the discharge of the pump, the foaming and frothing of the pumped household cleaning products was eliminated.

### **RESULT:**

With the introduction of the pulsation dampener, the amount of time required for the product to settle in the holding tanks was reduced.

### **SUBMITTED BY:**

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