



## APPLICATION CASE STUDY

### COMPANY DETAILS – ITW Highland

ITW Highland, a Waterbury manufacturer of Deep Drawn Metal Components since 1944, is a division of Illinois Tool Works (ITW). ITW Highland, operating worldwide, offers manufactured parts for the Automotive Industries – air bags, transmissions, electronics – for the Defense Industries – gas masks, wind screen, and for the consumer market -pen parts housing.



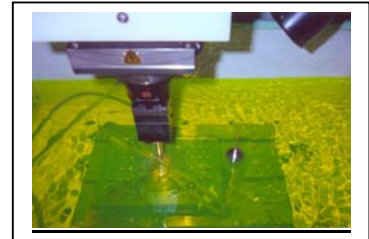
### RUSTLICK PRODUCTS IN USE

**Rustlick EDM-500**

Synthetic Dielectric fluid

### CUSTOMER NEEDS IDENTIFIED

ITW Highland had been using a non-synthetic mineral base oil to run its two sinker EDM. The transition to the Rustlick EDM-500 fluid was easy.



### ACCEPTED BENEFITS

Rustlick® EDM-500 is a synthetic EDM fluid formulated from base chemicals so highly refined and purified that additives are not necessary. This transparent blue-green EDM fluid offers a unique combination of high Dielectric Strength and low Power Factor.

Rustlick® EDM-500 resists thermal degradation from high-amperage applications; it withstands up to 400 amps. It can be used with all types of filters. Rustlick® EDM-500 is good for use on all ferrous metals, aluminum, brass, bronze and copper.

- **Faster cutting, higher finish and longer fluid life**
- **Cosmetic-grade formulation eliminates skin irritation.**
- **Better Surface Speed**



### VALUE TO CUSTOMER

The operators have seen no skin irritations since they started using Rustlick® EDM-500. They also have a better flush and the fluid seems to burn faster with a substantial improvement in the finish.

**Area: North America – Connecticut**

**Date: Jan 01 - Ongoing**

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