

# TAKE AIM AT YOUR TOUGHEST FOAMING PROBLEMS

with Surtech™ Antifoaming Agents

Surtech high efficiency modified silicones effectively handle your toughest foaming problems

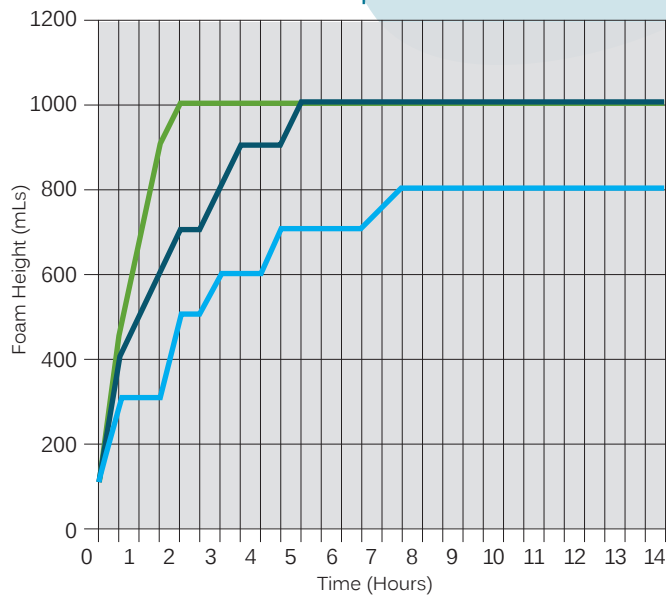
Regardless of your metalworking or hydraulic fluid formulation, PMC Crystal has a Surtech antifoaming agent that will combat foam and protect valuable equipment.

Surtech high-performance antifoaming agents take aim and kill foam without reacting to your fluid. They will not cause sediment and gelatinous surface agglomeration that can clog filters and block lines.

Lab tested and real world proven, they are more effective than competitive defoamers on the market today.\* **Take the Surtech challenge** and see for yourself. Send us a sample of your fluid (without defoamer added) along with a sample of your fluid (with defoamer) for a free foam control study. You'll be surprised by the results.

Enhance the performance of your fluids by winning the battle with foam – use Surtech™ Antifoaming Agents.

Surtech vs. Competitive Defoamers



- Surtech Antifoam
- Competitive Defoamers
- No Antifoam

This graph illustrates the effectiveness of Surtech antifoams in a typical water extendable metalworking fluid. In each case, the metalworking fluid was prepared at a concentration of 5% in distilled water and recirculated for 15 hours. The same amount of antifoam (.3%) was used to compare Surtech vs. the competitor.

## High Standards High Performance

The high performance antifoams that provide the benefits you need:

- **Long Term Effectiveness**  
Remains effective over a longer period of time
- **No Agglomeration**  
Will not clog filters or block lines
- **Easy Dispersion**  
Concentrate quality is not compromised

pmc crystal™

\* Based on comparative laboratory tests (see graphical test results)

# High Efficiency Surtech Antifoams

## Surtech Water Extendable Lubricant Systems Product Guide

Product	Non-Silicone	Soluble Oil	High Oil Semi-Synthetic	Low Oil Semi-Synthetic	Synthetic	Soluble Veg Oil Based	Tankside	Alkaline Cleaner	Waste-water	Lube Oil
CA-3429		Effective	Highly Effective							
CA-3475		Effective	Highly Effective	Effective						
CA-3521C			Effective	Effective						
CA-3875				Highly Effective	Effective			Effective		
HA-1327ST	Non Silicone		Effective	Effective		Highly Effective	Effective	Effective		
HA-1727	Non Silicone	Effective					Effective	Highly Effective		
HA-3547C		Effective	Highly Effective	Effective						
HA-3553C		Effective	Highly Effective	Highly Effective	Effective					
HA-4676	Non Silicone	Effective				Highly Effective				
HA-4760			Highly Effective	Effective	Effective					
HA-7426										Effective
KE-131		Effective	Highly Effective	Effective	Effective			Effective		
KE-802							Highly Effective			
OA-3321										Effective
OA-7885	Non Silicone									Effective
Surtech 78									Effective	

Non Silicone
  Effective
  →
  Highly Effective

Designated product applications are for current commercial uses of these products, but does not exclude use in other applications.

## About PMC Crystal

PMC Crystal is a performance chemicals company serving a wide range of industries. From waxes, rubber and plastics, processing aids and surface lubricants, wax emulsions, sodium and potassium soaps, cable filling compounds, to high performance antifoaming agents, Crystal is an industry leader. In addition, PMC Crystal offers a wide range of custom manufacturing services. Crystal's commitment to quality and total technical support sets it apart from the rest, and provides products and services that exceed customer requirements and expectations.

  
[www.pmccrystal.com](http://www.pmccrystal.com)

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