

# Creating Additive Value



## 'Hybrid' of Siloxane and Polyacrylate in Synthetic Hydrocarbon

### FOAM BAN® 155

*Designed for better surface foam control & better air release.*

#### *APPLICATIONS*

- Non-aqueous metalworking fluids
- Hydraulic fluids, Gear oils, Engine oils, Turbine oils, Compressors
- Synthetic PAO Base Oils
- Additive Packs

#### *FEATURES*

- Excellent defoaming
- Improved Air release properties
- Excellent compatibility

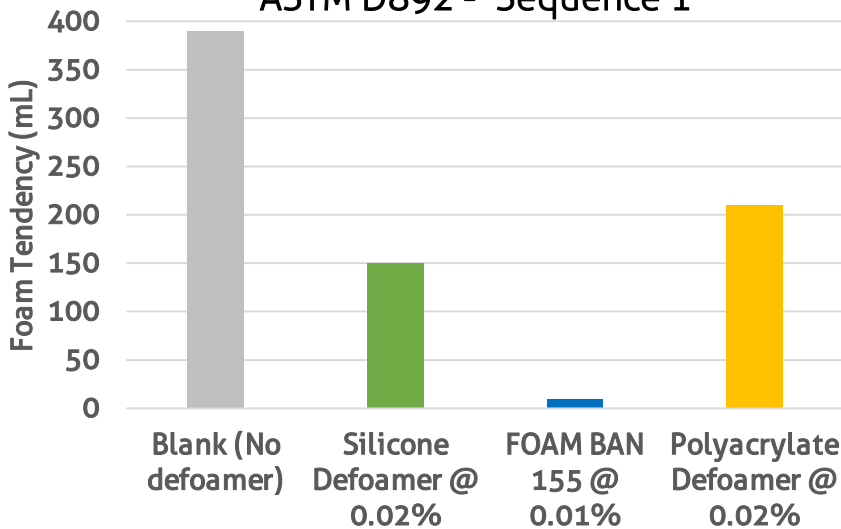


# Creating Additive Value



System: Turbine Oil

ASTM D892 - Sequence 1



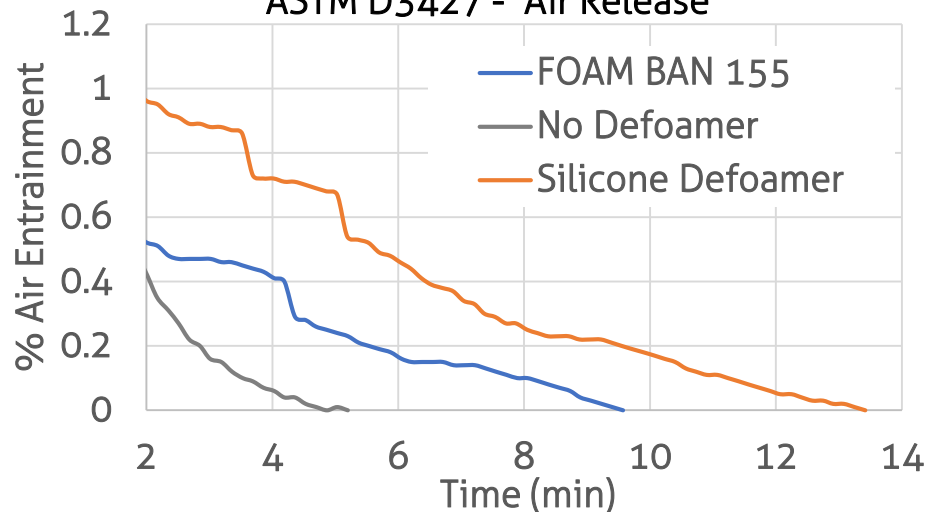
- ✓ Better foam control even at half the dosage compared to Silicone based defoamer
- ✓ Synergy between siloxane and acrylate towards surface foam destabilization
- ✓ This opens the possibility of reducing the dosage of the defoamer and improving air release

System: Hydraulic Oil  
(all defoamers at 0.05%)

Excessive foam and entrained air can cause:

- ✓ Pump cavitation, loss of oil / hydraulic pressure
- ✓ Reduced lubrication, increased wear, depletion of additives, less oxidation
- ✓ Shortened part lifespan, decreased filling speeds

ASTM D3427 - Air Release



ASTM D892 - Sequence 1

Antifoam	Foam (mL)
No defoamer	240
Silicone defoamer	15
FOAM BAN 155	10

**FOAM BAN 155 – Better surface foam control AND air release than other silicone defoamers**

