



FOAM BLAST[®] 552

Product Type	Defoamer for Metalworking Lubricants	
Product Description	FOAM BLAST 552 is a concentrated emulsion of advanced hydrophobes that control foam in most metalworking lubricants. FOAM BLAST 552 disperses readily into metalworking fluids for easy incorporation. FOAM BLAST 552 is extremely efficient at controlling foam in water-based hydraulics, soluble oil and semisynthetic fluids. FOAM BLAST 552 has shown good compatibility in most semisynthetic and soluble oil metalworking concentrates.	
Typical Properties	Appearance	Off-white emulsion
	Viscosity (mPa-s) @ 25°C	4000
	Density (kg/L) @ 25°C	1.00
	pH (1% solution)	7.0
	Pour Point (°C)	1
	Flash Point (°C) (PMCC)	None
Typical Applications	<ul style="list-style-type: none">• Antifreeze• Cleaner systems for metals• Synthetic metalworking lubricants• Semisynthetic fluids	
Addition Levels	The recommended addition level for FOAM BLAST 552 is 0.10 to 0.50% based upon the metalworking concentrate weight. Addition level should be adjusted as needed to produce optimal foam control.	
Incorporation	FOAM BLAST 552 can be used as is or prediluted with water. Water dilutions should be agitated before use to ensure uniformity. When used tank side, dilute FOAM BLAST 552 with 9 parts water and feed at 0.05 to 0.2% based upon the lubricant mix. Keep the dilution mixed and use within an 8 hour shift.	
Responsible Care	For complete safety, health, personnel protection and first aid information, refer to the Material Safety Data Sheet (MSDS) that can be ordered by calling the contacts listed below.	

Updated: March 15, 2013

Emerald Performance Materials, LLC
8309 Wilkinson Blvd
Charlotte, NC 21214
Toll free for placing orders: 1-877-300-9545
Toll Free Technical Assistance: 1-866-688-FOAM

Emerald Performance Materials, Corporate
2020 Front Street, Suite 100
Cuyahoga Falls, OH 44221
330.916.6700
EFCTechnicalService@EmeraldMaterials.com