



TRIM® E925

Chlorine-free High Performance Emulsion

GENERAL DESCRIPTION

TRIM® E925 utilizes a proprietary lubricity package to deliver exceptional surface finish and tool life on difficult-to-machine aerospace materials. Designed to lower total cost and improve manufacturing efficiency thanks to extended sump life. Environmentally friendly emulsion is free of boron, chlorinated paraffins, and other halogens. Mild contact nature and low initial-charge odor provide an operator friendly environment.

ADVANTAGES

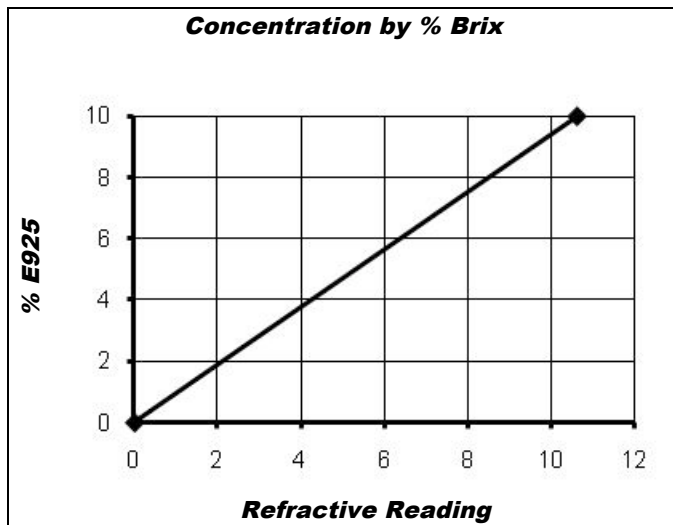
- Extended sump life for lower operating costs
- Protects sensitive aluminum and nonferrous alloys
- Excellent lubricity without chlorinated paraffins
- Provides superior results in a wide range of operations
- Superior corrosion resistance
- Boron and halogen free
- Low product odor
- Mild operator contact properties
- Soft fluid film protects chucks, ways, and tool holders
- Rinses off for easy parts cleanup before assembly, painting, or plating

APPLICATION GUIDELINES

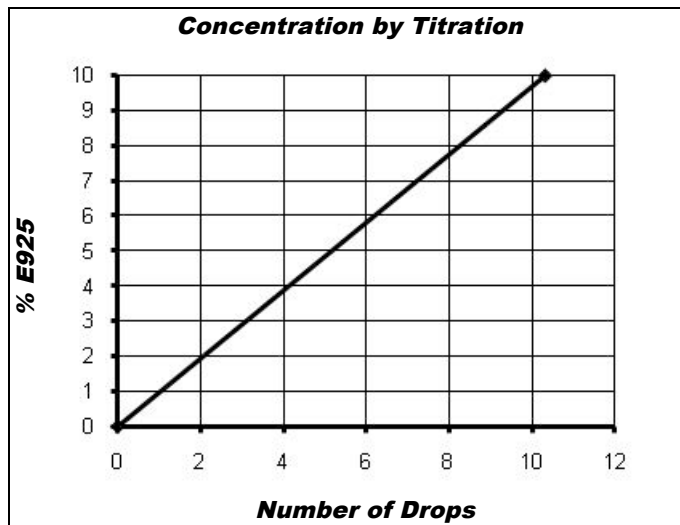
- Maintaining concentration from 7.5%-10% provides the best sump life and corrosion inhibition.
- E925 is not recommended on magnesium or other reactive materials.
- For additional product applications information including performance optimization, please contact your Master Chemical Authorized Distributor at 2trim.us/distributors.php, your District Sales Manager, the Tech Line at 1-800-537-3365, or visit our web site at www.masterchemical.com.

PHYSICAL PROPERTIES (TYPICAL DATA)

Color (concentrate).....	Yellow to amber	Flash Point	>248°F (120°C) (ASTM D93-08)
Color (working solution).....	White	pH (Typical Operating as a range)	8.8-10
Odor.....	Mild amine	Coolant Refractometer Factor % Brix.....	1.0
Form	Liquid	Titration Factor (CGF-1 Titration Kit).....	.0.8



% Concentration = Refractive Reading x Refractive Factor
Coolant Refractometer Factor % Brix = 1.0



% Concentration = No. of Drops x Titration Factor
Titration Factor = 0.8

RECOMMENDED METALWORKING CONCENTRATIONS

- Light and moderate-duty machining and grinding5%-7.5%
- Moderate to heavy-duty machining and grinding7%-10%
- Design concentration range5%-10%

MIXING INSTRUCTIONS

- Using DI or mineral-free water will improve sump life, reduce concentrate usage, reduce carryoff, and improve corrosion inhibition.
- Emulsion products, such as E925, work best if mixed with room temperature water. Add the coolant concentrate to the water; NEVER THE REVERSE.
- Using premixed coolant as makeup will improve performance and reduce coolant purchases. The makeup concentration you use, typically 40%-60% of the desired working concentration, will generally maintain the proper concentration in the sump.

HEALTH AND SAFETY

See the most recent SDS at 2trim.us/s/?i=1528-en-US-US-03



NOTES

- Use Master STAGES™ Whamex™ for a quick and thorough pre-cleaning of your machine tool and coolant system. Ensure all Whamex is completely rinsed from the system before charging to ensure low foam operating characteristics.
- Before using on any metals or applications not specifically recommended, consult Master Chemical.
- This product should not be mixed with other metalworking fluids or metalworking fluid additives, except as recommended by Master Chemical Corporation, as this may reduce overall performance, result in adverse health effects, or damage the machine tool and parts. If contamination occurs, please contact Master Chemical Corporation for recommended action.
- E925 working solution is a white emulsion.
- Packaging: North America – 1-gallon jug, 5-gallon pail, 54-gallon drum, and 270-gallon tote bin.
- Packaging: Europe/Asia – 20-litre pail, 204-litre drum, and 1000-litre IBC.

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