TRIM® TC 175

Chlorinated Lubricity Additive

TRIM TC 175 is a chlorinated EP (extreme pressure) lubrication/emulsifier additive package. It may be added to water-soluble coolant systems to replace or increase the presence of the chlorine EP additives in the system.

Additives



The troubleshooters:

As cutting and grinding fluids can start to break down over time, tank-side additives can solve a number of problems. There are TRIM tank-side additives compatible with most coolants to extend tap and tool life, improve mechanical lubricity, control built-up edge, prevent stained parts, control foam, stabilize the emulsion, and replenish dye.

Whatever your problems and concerns, ask your TRIM specialist if a tank-side additive could be the answer.

Aerospace Approvals

Company	Specification
General Dynamics	HSDS070235-01

Choose TC 175:

- New, easier to mix formulation
- New, chlorine EP additives stay in systems longer

TC 175 especially for:

Applications — lubricity additive

Health and Safety

Request SDS

Master Fluid SOLUTIONS®

TRIM® TC 175

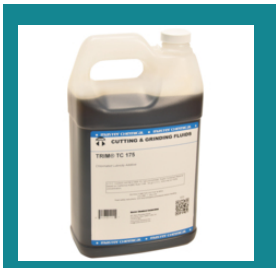
Chlorinated Lubricity Additive

Application Guidelines

- This product should be premixed and then added directly to the working solution.
- Depending on the situation, add rates of between 1%-5% (10,000 ppm – 50,000 ppm) are common.
- TC 175 may be used “neat” as a water-washable tapping compound for aluminum.
- TC 175 will provide both EP anti-weld lubrication and dynamic lubrication to improve machining performance.
- The addition of TC 175 may result in increased foam and may cause clear products to become somewhat cloudy.
- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at https://www.masterfluids.com/na/en-us/distributors/index.php, your District Sales Manager, or call our Tech Line at 1-800-537-3365.

Physical Properties Typical Data

Color (Concentrate)	Amber
Odor (Concentrate)	Mild
Form (Concentrate)	Liquid
Flash Point (Concentrate) (ASTM D92-90)	> 212°F
V.O.C. Content (ASTM E1868-10)	1 g/l



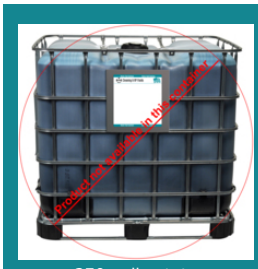
1-gallon jug
SKU: TC175-1G
UPC-12: 641238010111



5-gallon pail
SKU: TC175-5G
UPC-12: 641238010159



54-gallon drum
SKU: TC175-54G
UPC-12: 641238010166



270-gallon tote
SKU: TC175-270G
UPC-12:

Additional Information

- Use Master STAGES™ Whamex™ for a quick and thorough precleaning of your machine tool and coolant system.
- Consult Master Fluid Solutions before using on any metals or applications not specifically recommended.
- This product should not be mixed with other metalworking fluids or metalworking fluid additives, except as recommended by Master Fluid Solutions, as this may reduce overall performance, result in adverse health effects, or damage the machine tool and parts. If contamination occurs, please contact Master Fluid Solutions for recommended action.
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https://2trim.us/di/?i=na_en-us_TC175

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