TRIM® TC 233

Lubricity Additive

TRIM TC 233 is a dual-purpose additive which is used in synthetic (e.g., TRIM C270, C276, etc.) and some semisynthetic (e.g., TRIM SC230, SC520, etc.) coolants. It can increase lubricity for operations such as drilling or tapping. At fluid temperatures above 95°F (35°C), it will act as an anti-foam.

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.

Choose TC 233:

- Increase lubricity
- Reduce friction

TC 233 especially for:

Applications — drilling, lubricity additive, and tapping

Health and Safety

Request SDS

Master Fluid SOLUTIONS®

TRIM® TC 233

Lubricity Additive

Application Guidelines

- In synthetic and semisynthetic coolants, add rates of 1%-3% may be effective in reducing friction in operations such as drilling or tapping.
- If fluid temperature is above 95°F (35°C), TC 233 will act as an anti-foam. The add rate for use as an anti-foam is 0.1%-0.5%.
- Typical running time between additions of TC 233 is two-to-four weeks.
- 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)	Colorless to light yellow
Odor (Concentrate)	Mild
Form (Concentrate)	Liquid
Flash Point (Concentrate) (ASTM D93-08)	> 340°F
pH (Concentrate as Range)	6.0 - 7.5



1-gallon jug
SKU: TC233-1G
UPC-12: 641238039730



5-gallon pail
SKU: TC233-5G
UPC-12: 641238023227



54-gallon drum
SKU: TC233-54G
UPC-12: 641238023234



270-gallon tote
SKU: TC233-270G
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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