



TRIM[®] TC 227

Lubricity Additive

GENERAL DESCRIPTION

TRIM[®] TC 227 is a mixture of lubricity additives. It is designed to increase the hydrodynamic lubrication of water-miscible cutting and grinding fluids. It is particularly effective in increasing tool life and reducing the forces generated in drilling, tapping, and reaming operations in soft, gummy materials. TC 227 has also been effective as an add to chemical coolants used for roll-form tapping in wrought and extruded aluminum alloys.

APPLICATION GUIDELINES

- TC 227 is intended for use in water-miscible cutting and grinding fluids.
- TC 227 may not be effective in “cationic fluids”.
- The typical add for this type of product is between 0.5%-5% (5,000-50,000 PPM). However, it is best to establish the actual add rate by experimentation in your operations.
- While most of the experimental work with this product has been done in machining, there are indications that it may be very effective in some form-grinding operations.
- TC 227 may cause increased foam.
- TC 227 will be depleted with normal coolant carry-off, so periodic additions with the normal coolant makeup will be necessary to ensure consistent performance.

HEALTH & SAFETY

- See the most recent SDS at 2trim.us/s/?i=1101-en-US-US.



TECHNICAL ASSISTANCE

- 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.
- Packaging: North America – 2-quart AccUDose[™], 5-gallon pail, 54-gallon drum.
- Europe/Asia - 20-litre pail and 204-litre drum.

PHYSICAL PROPERTIES (TYPICAL DATA)

Form	Liquid	Flash Point	Nonflammable
Color	Amber	Typical operating pH (as a range)	7.3-7.5
Residue	Oily	pH of concentrate	7.4-7.6
Odor	Mild, sweet		

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URL: www.2trim.us/di/?i=101

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