TRIM® TC 256

pH Adjuster

TRIM TC 256 is a mixture of compounds that are very effective in maintaining pH and building reserve alkalinity in metalworking fluid working solutions. Controlling pH within the design range of the product and maintaining an appropriate level of reserve alkalinity are key elements in extending sump life, controlling both liquid and vapor phase corrosion, and emulsion stability of soluble oils.

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, stabilise 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 256:

- pH adjustment
- Building reserve alkalinity
- Extending sump life
- Controlling both liquid and vapor phase corrosion

TC 256 especially for:

Applications — pH Adjuster

Health and Safety

Request SDS

Master Fluid SOLUTIONS™

TRIM® TC 256

pH Adjuster

Application Guidelines

- The normal add rate for TC 256 is 0.4% (4000ppm) or 4 litres per 1000 litres of working solution. Do not use more than 0.8% (8000 ppm) without consulting the Master Fluid Solutions laboratory.
- As with any product that will raise pH, the possibility of "ammonia blush" or "amine rush" exists. However, the frequency of occurrence with properly used TC 256 is very low.
- The addition of TC 256 will not substantially affect the refractive index of the metalworking fluid working solution. However, it will affect concentration control by alkaline titration.
- For additional product application information, including performance optimisation, please contact your Master Fluid Solutions' Authorised Distributor at https://www.masterfluids.com/eu/en/distributors/index.php, your District Sales Manager, or call our Tech Line at +49 211 77 92 85 - 13.

Physical Properties Typical Data

Colour (Concentrate)	Colourless to Light Yellow
Colour (Working Solution)	Colourless to Light Yellow
Odour (Concentrate)	Amine
Form (Concentrate)	Liquid
Flash Point (Concentrate) (ASTM D93-08)	> 132°C
pH (Concentrate as Range)	13.5 - 13.9

Ordering Information

20-litre pail

204-litre drum

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=eu_en_TC256

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