TRIM™ C276WP

Cutting and Grinding Fluid Concentrate

TRIM C276WP is a synthetic coolant concentrate which operates at very high fluid pressures and volumes with little or no foam. TRIM C276WP is ideally suited to situations where high coolant velocities or volumes are necessary to achieve maximum productivity. TRIM C276WP has superior cooling, rust prevention and chip settling characteristics of a premium synthetic product combined with excellent compatibility with sensitive aluminium alloys.

Synthetics



Peak your performance:

TRIM™ clean-running synthetics contain little to no oil. They are typically hard-water tolerant with good corrosion protection. Plus, synthetics leave very low residue for easy cleaning. Paired with extremely low carryoff, synthetics translate to less maintenance and lower operational costs, saving you time and money.

Run clean and long with TRIM synthetics.

Choose C276WP:

- Very stable formula provides long operational life with consistent performance
- Extremely low foam in mineral free water
- Excellent compatibility with sensitive aluminium alloys
- Excellent tramp oil rejection
- Water clear dilution aids filterability, reduces carryoff and facilitates getting the fluid to the point of cut
- Protects machine and tool surfaces while also preventing sticky ways, chucks, tool holders and fixtures
- Easy recycling or disposal with conventional techniques and equipment

C276WP especially for:

Applications — centerless grinding, cylindrical grinding, milling, surface grinding, and turning

Materials — aluminum alloys, nickel alloys, and steel alloys

Industries — aerospace, automotive, and medical

C276WP is free of — chlorine, DEA, formaldehyde releasers, nitrites, phenolic compounds, and sulfur

Master Fluid SOLUTIONS™

TRIM™ C276WP

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Application Guidelines

- Minimum concentration for ferrous alloy machining and grinding is 4,0%.
- Concentrations above 7,0% provide the best sump life.
- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at https://www.masterfluids.com/vnm/en-vnm/distributors/index.php, your District Sales Manager, or email us at vietnam-info@masterfluids.com.

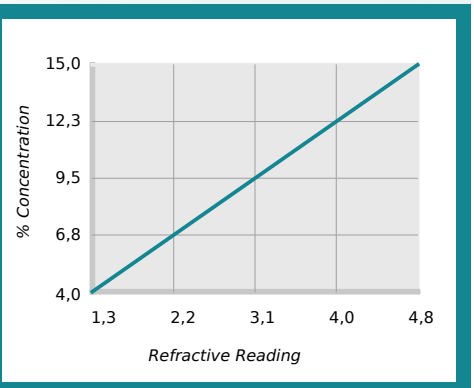
Physical Properties Typical Data

Color (Concentrate)	Light yellow
Color (Working Solution)	Colorless
Odor (Concentrate)	Mild
Form (Concentrate)	Liquid
Flash Point (Concentrate) (ASTM D92-90)	> 100°C
pH (Concentrate as Range)	9,0 - 9,5
pH (Typical Operating as Range)	8,5 - 9,5
Coolant Refractometer Factor	3,1

Recommended Metalworking Concentrations

Light Duty	4,0% - 7,0%
Moderate Duty	7,0% - 9,0%
Heavy Duty	9,0% - 15,0%
Design Concentration Range	4,0% - 15,0%

Concentration by % Brix



% Concentration = Refractive Reading x Refractive Factor
Coolant Refractometer Factor % Brix = 3,1

Health and Safety

Request SDS

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Mixing Instructions

- Recommended usage concentration in water: 4,0% - 15,0%.
- To help ensure the best possible working solution, add the required amount of concentrate to the required amount of water (never the reverse) and stir until uniformly mixed.
- Use premixed coolant as makeup to improve coolant performance and reduce coolant purchases. The makeup you select should balance the water evaporation rate with the coolant carryout rate. Use our Coolant Makeup Calculator to find the best ratio for your machine: apps.masterfluids.com/makeup/.
- Use mineral-free water to improve sump life and corrosion inhibition while reducing carryoff and concentrate usage.

Ordering Information

20-liter pail

204-liter drum

1000-liter tote

Additional Information

- Use Master STAGES™ Whamex XT™ 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.
- TRIM™ is a trademark of Master Chemical Corporation d/b/a Master Fluid Solutions.
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https://2trim.us/di/?i=vnm_en-vnm_C276WP

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