

# Master STAGES™ Whamex XT™

## Low-foam Machine Tool Sump and System Cleaner



Master STAGES™ Whamex XT™ is a low foam, safe, fast-acting, concentrated formula that will save machine cleaning downtime while removing the oily residues, scums, and insoluble soap deposits that reduce coolant life. Whamex XT is made for cleaning out machine tool sumps and larger systems, coolant supply lines, and coolant recycling equipment. Whamex XT is compatible with most waste treatment (including ultrafiltration) and will not degrade TRIM metalworking fluids when used as directed.

### Maintenance



*A Midwestern high-production manufacturer working with powder metal to produce steering parts had a line that had been sitting idle for almost a year.*

#### **Whamex XT in action:**

*A Midwestern high-production manufacturer working with powder metal to produce steering parts had a line that had been sitting idle for almost a year. The central system with stagnant coolant and the supply lines clogged with swarf and chips needed to be cleaned to restart the line. "It was really dirty. We decided to change from another brand to TRIM® C350 and ran Whamex XT for the clean-out. The central system, supply lines, and machine surfaces are sparkling clean; Whamex XT really performed."*

### Choose Whamex XT:

- A very specialized formula that draws on many years of hands-on experience in machine cleanouts
- Quickly breaks down and lifts off insoluble scum deposits hidden in lines and difficult to reach areas — getting rid of these residues is one of the best ways to extend coolant life in your system
- Very hard water tolerant allowing it to be effective in raw water or used coolant
- Environmental approvals are simplified because Whamex XT contains no nitrites, phosphates, barium, phenols, or butyl cellosolve; this formula has very low V.O.C. content and no SARA 313 reportable ingredients
- When used as directed below, this product is compatible with TRIM brand synthetic, semisynthetic, and soluble oil coolants, as well as, most competitive coolants. Will remove heavy soils from machines without affecting paints, coatings, seals, hoses, or skirting, and it won't leave a slippery residue
- Short-term corrosion inhibitors prevent flash rusting of machine surfaces and ways

### Whamex XT especially for:

**Applications** — floor cleaning, machine cleaning inside, and machine cleaning outside

**Soils** — coolant residues, heavy oils, and light oils

**Metals** — cast iron and steels

**Industries** — aerospace, automotive, machine tool, and medical

**Whamex XT is free of** — 2-butoxyethanol (Butyl), barium, nitrites, phenols, phosphate, and SARA 313 listed ingredients

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### Application Guidelines

- Use a high-flow sump cleaner such as a Yellow Bellied Sump Sucker™, to quickly remove spent fluids and residues.
- Add up to 0.1% Master STAGES™ CLEAN DF1 to control foam in high-pressure, high-flow systems.
- All used coolant or rinse water must be recycled or disposed of in accordance with local, state, or provincial, and national environmental regulations.
- To learn about the "Preferred Cleaning Method" and the "Quick-Clean Method for Interim/Noncritical Cleaning" check out pages 10-12 of the [The Handy Pocket Guide to a Clean Shop](#).
- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at <https://www.2trim.us/distributors.php>, your District Sales Manager, or call our Tech Line at 1-800-537-3365.

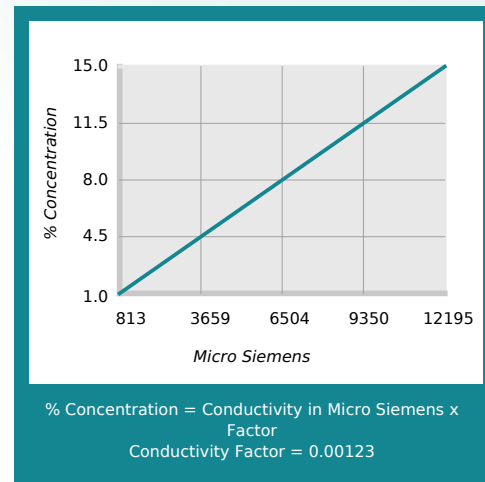
### Physical Properties Typical Data

Color (Concentrate)	Straw yellow
Color (Working Solution)	Cloudy, white
Odor (Concentrate)	Slight
Form (Concentrate)	Liquid
Flash Point (Concentrate) (ASTM D93-08)	> 212°F
pH (Concentrate as Range)	10.5 - 11.5
pH (Typical Operating as Range)	9.8 - 10.5
Coolant Refractometer Factor	2.8
V.O.C. Content (EPA Method 24)	133 lbs/gal
Cleaner Conductivity Factor	0.00123
Titration Factor (CL-1 Titration Kit)	0.25
Number of Cleaner Vials (CL-1 Titration Kit)	2
Cleaner Indicator A or B (CL-1 Titration Kit)	B

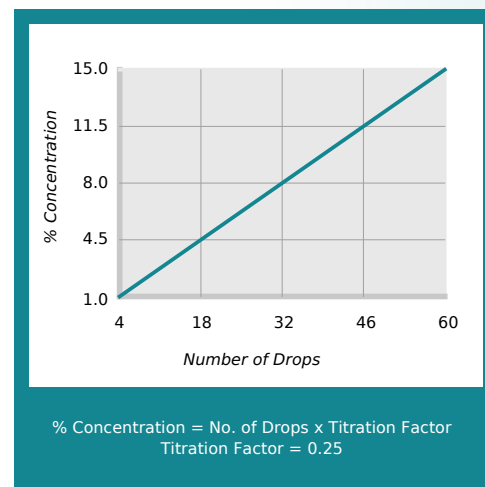
### Recommended Metalworking Concentrations

Design Concentration Range	1.0% - 15.0%
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### Concentration by Conductivity



### Concentration by Titration



### Health and Safety

See the most recent SDS at

<https://2trim.us/s/?i=1145-0-en-US-US>

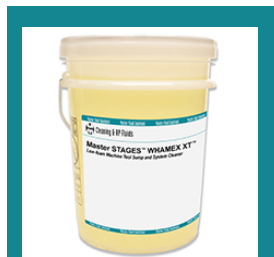


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1-gallon jug  
SKU: WHAMEXXT/1  
UPC-12: 641238069416



5-gallon pail  
SKU: WHAMEXXT/5  
UPC-12: 641238069409



54-gallon drum  
SKU: WHAMEXXT/54  
UPC-12: 641238069393



270-gallon tote  
SKU: WHAMEXXT/NR270P  
UPC-12: 641238070771

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### Additional Information

- Industrial Use Only
- 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.
- Master STAGES™ is a trademark of Master Chemical Corporation d/b/a Master Fluid Solutions.
- The information herein is given in good faith and believed current as of the date of publication and should apply to the current formula version. Because conditions of use are beyond our control, no guarantee, representation, or warranty expressed or implied is made. Consult Master Fluid Solutions for further information. For the most recent version of this document, please go to this URL:

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