



**Use a Whamex in-line sump cleaner and BOOST your bottom line**

**Whamex products—the machine tool sump and system cleaners with BIG TIME savings**

Safe, fast-acting Master STAGES™ Whamex™ or Whamex XT™ save machine cleaning downtime, while removing the oily residue, scum, and insoluble soap deposits that reduce coolant life.\*

You can stay up-and-running while cleaning your sump and central system, so you save both ways with lower material costs AND increased productivity.

**It doesn't just make sense, it makes dollars and sense...**

**Whamex™**  
AND  
**Whamex XT™**



**Get your machines Master STAGES CLEAN with the Whammer**



**Cleaning heavy oily shop soils has never been easier, or quicker.**

Clean heavy shop soil from exterior parts easily and quickly with the handy Whammer™ applicator. Simply use Whamex or Whamex XT in the Whammer to hose off grime. Whamex products won't harm parts, seals, hoses or coatings, or leave a slippery residue.

**The Whammer™**

Distributed by:



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**Change your downtime to UPTIME with Master STAGES Whamex products**



**CLEAN • COAT • PROTECT**

\* Follow "Application Guidelines" in the product Data and Information sheets.



## Put the Whamex and Whamex XT advantage to work for you

### Let Whamex products get the job done

Use Whamex products to clean out:

- > machine tool sumps
- > central systems
- > coolant recycling systems and supply lines
- > industrial washers

Whamex and Whamex XT:

- > are compatible with ALL TRIM® coolants, and most other brands.\*
- > quickly remove insoluble deposits from lines and difficult-to-reach areas—to extend coolant life
- > leave behind a short-term rust inhibitor; prevents flash-rusting of machine surfaces and ways
- > are very hard water tolerant and effective in used coolant or raw water
- > are compatible with most waste treatment, including ultrafiltration

### Environmentally-friendly

Whamex products contain:

- > NO butyl cellusolve
- > NO phosphate, silicate, phenol, or nitrite
- > NO SARA 313 or EPA 33/50 listed ingredients

### For quick-clean or full clean-out

Whether quick-clean or periodic full-cleaning, Whamex products do the job faster, easier, and better.\*\*

For noncritical, interim cleaning, simply add the Whamex or Whamex XT, to your coolant and circulate through the machine tank or central system – without halting production.

\* Use as directed.

\*\* See "Application Guidelines" and "Preferred Method for Cleaning" in the product Data and Information sheets.

## Save with Whamex Machine Tool Sump and System Cleaner

Eventually the cutting and grinding fluid, so important to tool life and well machined parts, becomes contaminated with impurities and begins to break down. The process of machine sump cleaning is time consuming, dirty, and most of all, means tooling production comes to a halt – until now. Now there's Whamex sump and system cleaner.

Whamex performs best during interim, quick-clean operations when using a soluble emulsion.

*An Illinois customer had a 10,000 gallon central system for centerless grinding piston pins—where finishes are critical. They were experiencing problems with a soluble oil coolant: tramp oil was increasing as finishes were decreasing. Rather than dumping the system, 1% Whamex was added with amazing results. Part finish improved from 6 to 2-4 microns; tramp oils split out; AND "instead of dumping the system, it is still running parts with excellent finishes and no coolant problems."*

*A customer in Pennsylvania, who manufactured tooling and gauges, had several vertical mills which were heavily contaminated with fungus and residue. A quick cleaning with Whamex produced excellent results: the residue and fungus were simply hosed down and wiped off. The cleaning crew were "pleased with the absence of irritation to their hands and other exposed skin."*

# Whamex™

## Low-foaming Whamex XT gets the job done quickly and easily

Fast-acting, concentrated, low-foaming Whamex XT has the same benefits and advantages as the standard Whamex cleaner—with one exception...

Master STAGES specially formulated Whamex XT for optimum performance with synthetic or semisynthetic coolants during quick-cleans. Whamex XT does not produce the excessive foam characteristic with agitating synthetics and semisynthetics.

*A Midwestern high-production manufacturer who works with powder metal to produce steering parts had a line that had been sitting idle for almost a year. The central system with the 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, machine surfaces are sparkling clean; Whamex XT really performed."*

*A manufacturer of hydraulic components had a machine that operated at extremely high pressure – close to 1000 psi. When Whamex was used to the strength required to clean the machine, excessive foaming resulted; when used at a level to prevent excessive foaming, the machine wasn't cleaned well enough. "Switching to Whamex XT allowed us to use the correct amount of product to get the machine really clean, yet we had no problem with foaming. Nice job."*

# Whamex XT™