# Master STAGES™ CLEAN 2430

## *Near-neutral Washing Compound*

Master STAGES™ CLEAN 2430 is a highly-concentrated, mild pH, liquid parts washing compound/corrosion inhibitor made for aluminum alloy and steel alloy parts as well as cast iron, copper, brass, and bronze. This product does a great job in single and multi-stage spray washers providing great detergency and long life. CLEAN 2430 may be used in medium and high-pressure spray washers and provides in-process corrosion inhibition when not rinsed.

## *Cleaners+RP*



*Master STAGES™ CLEAN family of advanced-technology products offer highly effective cleaning and with the same in-process "one-step" method, leave behind an effective, short-term, anticorrosive film.*

*Designed for specific metals, desired length of corrosion inhibition, and applications ranging from spray, immersion, ultrasonic parts, and dip tank cleaning, Master STAGES cleaners+RP inhibitors are all highly concentrated and economical, most with low foam and very low V.O.C. content.*

## *Aerospace Approvals*

| Company | Specification |
|---|---|
| GE Aviation | No specification available |

## Choose CLEAN 2430:

- CLEAN 2430 provides state-of-the-art cleaning performance in a mild pH package
- Nitrite and silicate free and leaves no powdery residue
- Low foaming at normal operating temperatures for use in high-pressure spray washers
- CLEAN 2430 "splits" oils to the surface of the cleaner tank for easy skimming
- Is very hard-water stable and an excellent choice where ferrous, aluminum, and copper alloy parts are being washed in a single washer system
- Has a mild pH and provides a week or more of indoor anti-corrosion for ferrous metals if not rinsed
- Provides long life between washer cleanouts

## CLEAN 2430 especially for:

**Applications** — corrosion inhibition, parts washing, spray, and ultrasonic tanks

**Soils** — chlorinated oils, coolant residues, oils, and sulfurized oils

**Metals** — aluminum, brass, bronze, cast iron, copper, copper alloys, ferrous metals, steels, yellow alloys, and zinc

**Industries** — medical

**CLEAN 2430 is free of —** nitrites and silicates

Master Fluid SOLUTIONS®

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## Application Guidelines

- For use in an immersion/ultrasonic washer at a recommended starting concentration of 3% - 5%. The operating temperature should be in the range of ambient to 140°F (60°C).
- For use in a spray washer at a recommended starting concentration of 3% - 5%. The operating temperature should be in the range of ambient 120°F (49°C).
- For heavy-duty tasks such as removal of greases and heavy-duty oils, concentrations of 3% - 5%, and temperatures of ambient to 150°F (65°C) may be appropriate. Contact your District Sales Manager for help in determining proper concentration and temperature.
- Can be used as a vibratory finishing compound for most metals.
- May also be added to the rinse stage of spray washers to inhibit corrosion of the washer and to provide a residual RP on the parts. Generally, concentrations of 0.5% - 1% will be effective.
- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at https://www.masterfluids.com/na/en-us/distributors/index.php, your District Sales Manager, or call our Tech Line at 1-800-537-3365.

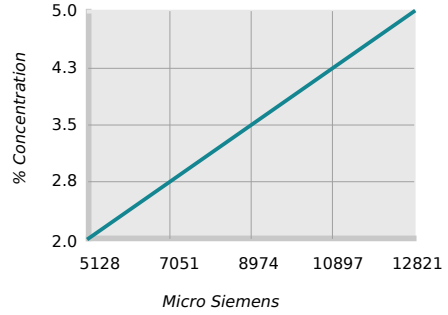
## Physical Properties Typical Data

| | |
|---|---|
| Color (Concentrate) | Clear colorless to pale yellow |
| Color (Working Solution) | Colorless to pale yellow |
| Odor (Concentrate) | Mild, detergent |
| Form (Concentrate) | Liquid |
| Flash Point (Concentrate) (ASTM D92-90) | > 212°F |
| pH (Concentrate as Range) | 8.5 - 9.0 |
| pH (Typical Operating as Range) | 8.0 - 8.7 |
| Coolant Refractometer Factor | 1.8 |
| V.O.C. Content (EPA Method 24) | 0 lbs/gal |
| Cleaner Conductivity Factor | 0.00039 |
| Titration Factor (CL-1 Titration Kit) | 0.18 |
| Number of Cleaner Vials (CL-1 Titration Kit) | 2 |
| Cleaner Indicator A or B (CL-1 Titration Kit) | B |

## Recommended Metalworking Concentrations

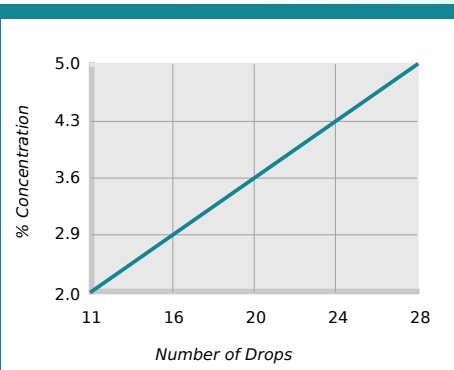
| | |
|---|---|
| Design Concentration Range | 2.0% - 5.0% |

## Concentration by Conductivity




% Concentration = Conductivity in Micro Siemens x Factor
Conductivity Factor = 0.00039

## Concentration by Titration




% Concentration = No. of Drops x Titration Factor
Titration Factor = 0.18

## Health and Safety

Request SDS

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## Mixing Instructions

- Recommended usage concentration in water: 2.0% - 5.0%.
- 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.




1-gallon jug
SKU: CL2430-1G
UPC-12: 641238041788




5-gallon pail
SKU: CL2430-5G
UPC-12: 641238041801




54-gallon drum
SKU: CL2430-54G
UPC-12: 641238041818



270-gallon tote
SKU: CL2430-270G
UPC-12: 641238041849



## 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:

https://2trim.us/di/?i=na_en-us_CLEAN2430

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