

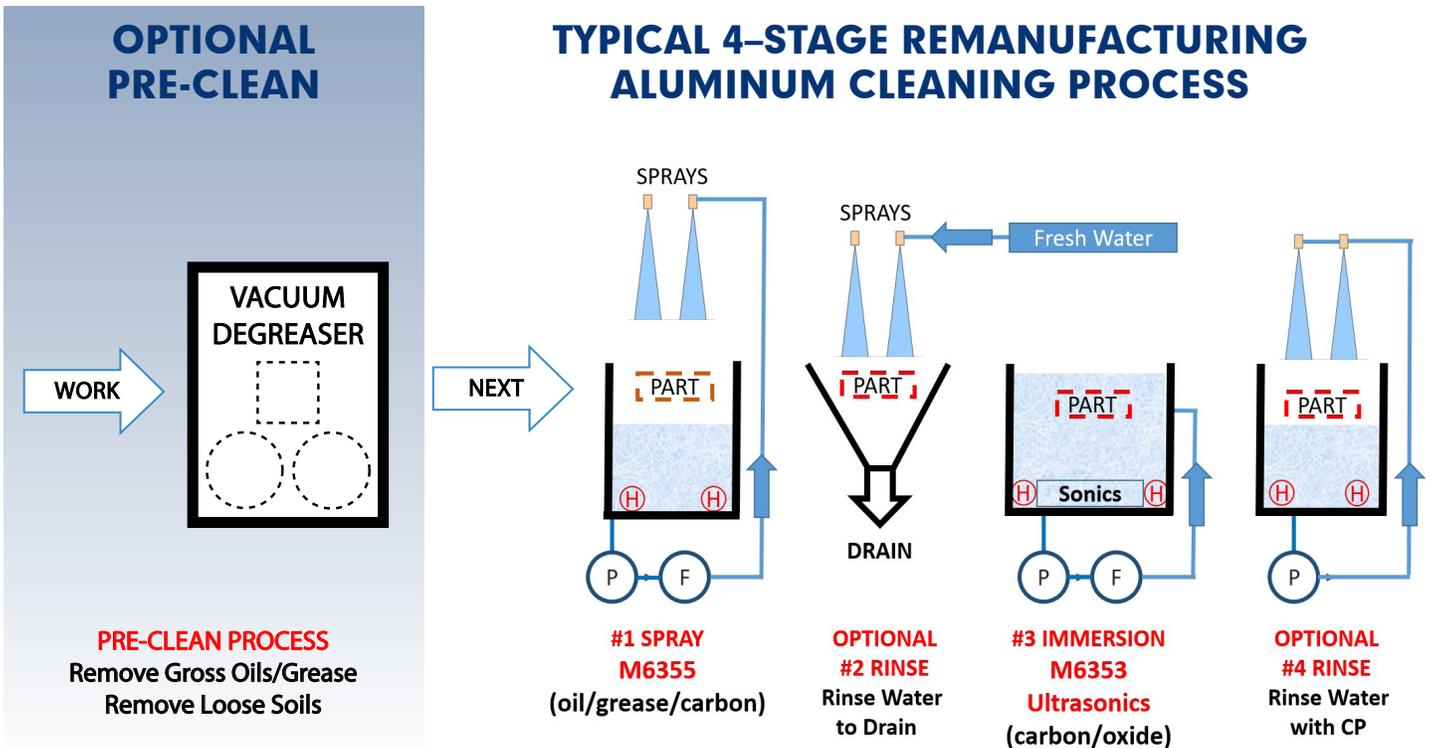
REMANUFACTURING

For Aluminum Cleaning



BENEFITS OF KYZEN PRODUCTS

- ✓ Designed for specific applications – multi-metal safe
- ✓ Formulated to extend cleaning bath life by splitting oils/soils
- ✓ Specific products for removal of oxidation, carbon smut, and difficult-to-remove soils
- ✓ Rinse agents and corrosion preventatives
- ✓ Reduced bead blast



Note: Parts may be racked for maximum exposure/best results. Exposure time/temperature/concentration/spray pressure must be optimized. For remanufacturing processes other materials such as steel/brass/copper, contact your local KYZEN representative.

RECOVER / REBUILD / RECYCLE - SAVES PRECIOUS RESOURCES

Upon receiving engines, transmissions, cores, and other misc. components, the initial action is cleaning. The attached soils must be removed to disassemble and inspect parts. Poor cleaning can require additional time/runs to achieve desired results as well as affect work area housekeeping.

Difficult to remove soils such as burned-on oils and carbon, oxidation, and grime are quickly removed without damage to the parts when using KYZEN METALNOX® products. These products are formulated for maximum cleaning power while being environmentally safe. Furthermore, they are designed to provide exceptionally long bath life which lowers operational cost!

Save time and resources when selecting the right cleaning product - choose KYZEN!

THE KYZEN "EDGE"

Safe cleaning chemistries are important to companies as they want to ensure that the cleaning fluids being used are safe not only for workers, but also for the environment. KYZEN products continue to meet these needs as our chemistries offer high performance cleaning while remaining eco-friendly.

RECYCLE EXAMPLES



BEFORE



AFTER



BEFORE



AFTER

APPLICATION LAB SERVICES

The KYZEN technical team is composed of seasoned, professional cleaning experts. Our unmatched technical resources are used by and available to our customers and partners to identify and/or verify required cleaning processes for their individual needs. This ensures that the results meet expectations without interrupting your production lines. Our goal is to make your process the best it can be!



TYPICAL REMANUFACTURING APPLICATIONS

Motors/Transmissions

AC Compressors

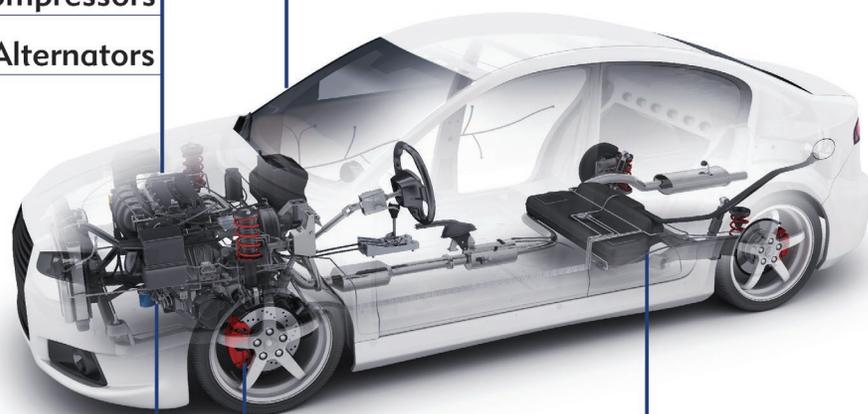
Alternators

Electrical

Starters

Water Pumps

Cooling Systems



Brakes

Fuel Systems

WHAT WE OFFER

KYZEN's METALNOX® products are specifically formulated for removing tough soils and cleaning metal parts used in the Metal Finishing, Industrial and Tooling industries. Be sure to contact us if you have any questions about our products. We are always happy to help.

BEST PERFORMING PRODUCTS

METALNOX® M6353

M6353 is a heavy-duty cleaning chemistry designed for ultrasonic and immersion cleaning systems to meet the stringent demands of automotive remanufacturing operations. It effectively removes heavily burned-on oils and carbon from aluminum parts without damaging or discoloring. M6353 is highly concentrated to provide for an exceptionally long bath life.

METALNOX® M6355

M6355 is designed for spray-in-air and rotary basket cleaning systems to effectively remove oils and carbon from aluminum parts without damaging or discoloring. M6355 is highly concentrated to provide for an exceptionally long bath life.

METALNOX® M6093

M6093 is a citric acid formulation designed to be effective on metal oxides, scale, rust, carbonaceous soils and other industrial soils. It is effective in spray and immersion systems and has low VOC.

METALNOX® M6432CP

M6432CP is a neutral pH cleaning chemistry designed to be effective on a variety of industrial soils including oil, grease, light oxides and buffing compounds. The formula also contains rust inhibitor to properly clean multi-metal while preventing corrosion. This formula has great efficacy and user safe when used in Sink-on-a-drum parts washers.

ADDITIONAL PRODUCTS FOR CONSIDERATION (BASED ON APPLICATION)

METALNOX® M6309LT

M6309LT is a mild alkaline, aqueous cleaning chemistry designed to remove machining oils, burned on carbon and other manufacturing soils from all types of metal substrates at low temperature. M6309LT is completely non-foaming at room temperature and amine-free.

METALNOX® M6310

M6310 contains multiple corrosion inhibitors to protect soft metals such as aluminum, brass, bronze and copper. To avoid cobalt/zinc extraction on brass and tungsten carbide, M6310 contains no amines. It is a preferred choice for cleaning brass screw machine operations as well as automotive re-manufacturing on non-ferrous metals.

METALNOX® M6314

M6314 is a safe, all purpose aqueous cleaner for spray and immersion systems specifically designed to clean a broad range of both water soluble and insoluble oils. M6314 is a very low solids product and is often used without a rinse, even prior to coating.

WORLDWIDE ENVIRONMENTALLY RESPONSIBLE CLEANING TECHNOLOGIES

WORLD HEADQUARTERS (USA)
+1 615 831 0888

EUROPE
+32 503 95374

SOUTHEAST ASIA
+60 4 630 3000

CHINA
+86 21 5998 7189

KYZEN.COM