

# Metalterj #4340™

## EDTA Free Heavy Duty Liquid Alkaline Cleaner

---

### DESCRIPTION:

Metalterj #4340 is an extremely concentrated alkaline cleaner designed to be used on ferrous metals, glass, plastic, concrete, quarry tile and similar masonry floors, industrial wood-block floors, and other materials not affected by high alkalinity. DO NOT use on aluminum or other nonferrous metals and alloys.

Metalterj #4340 removes all types of oily soils; vegetable oils, animal fats and petroleum products. Removes baked-on carbon deposits, resins, paper labels, aluminum labels, paint, rust, zinc phosphate, and many other common industrial soils.

### APPLICATIONS:

- Metalterj #4340 is specially formulated for removing Zinc Phosphate Coatings and Stearate Lubes. Cleaning vats, storage tanks, heat exchangers, process equipment, washer purging and de-scaling, and tank trucks by re-circulation or boil-out.
- Parts Cleaning: Recommended for use in soak tanks, spray washers, electrolytic, and ultrasonic cleaning.

### PERFORMANCE PROPERTIES:

- Metalterj #4340 contains free hydroxide, chelating and sequestering agents which provide: quick penetration, dispersion and emulsification of oily soils. Non foaming at all operating temperatures.
- The liquid form of Metalterj #4340 makes it easier, safer, and more efficient to use than powder compounds, a liquid can be fed through a closed system directly from the shipping drum to the cleaning operation. This eliminates the hazardous mixing of alkaline powders with water and it can be automatically metered to deliver a consistently accurate dilution.

### SPECIAL FEATURES:

- Non- Toxic
- Non- Flammable
- Non- Foaming
- EDTA- Free
- Excellent rust inhibition properties suitable for in-process, as well as mid-term in house rust protection...

### RECOMMENDED PERAMETERS:

Dilute in water to suit the job. The concentration required depends on the type of application and contaminant to be removed, porosity of the surface, operating temperature, process time, and the degree of agitation applied by the cleaning method. Recommended dilutions are:

- Light duty shop soils such as cutting oils, coolants and for light rust.....1 to 5% by volume
- For heavier oils, greases and drawing compounds.....5 to 10% by volume.
- Stripping zinc phosphatized steel with polymer or stearate coatings.....8 to 12% by volume.
- Removal of heavy, baked-on carbon, for cleaning heavily-coated heat exchangers, for removal of chemical resistant coatings, and paint.....8 to 25% by volume.

Metalterj #4340 is designed to be used at temperatures from ambient to 180°F. Baked-on carbon, heavy rust, paint, and Zinc Stearate coatings can be removed only at temperatures of 160F to 180°F.

