

# Metalterj #1512™

## Heavy Duty Liquid Alkaline Cleaner

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### DESCRIPTION:

Metalterj #1512 is a concentrated heavy duty 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 #1512 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 #1512 is specially formulated for cleaning vats, storage tanks, heat exchangers, process equipment, washer purging and de-scaling, and tank trucks by re-circulation or boil-out, removing Zinc Phosphate Coatings and various lubricants.
- Parts Cleaning: Recommended for use in soak tanks, spray washers, electrolytic, and ultrasonic cleaning.

### PERFORMANCE PROPERTIES:

- Metalterj #1512 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 #1512 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
- The rust inhibition properties of Metalterj #1512 are suitable for in-process, as well as short-term in house rust protection.

### RECOMMENDED PERCENTAGES:

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 use: 1 to 5% by volume
- For heavier oils, greases and drawing compounds use: 5 to 10% by volume.
- Stripping zinc phosphatized steel with polymer or stearate coatings use: 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 use: 8 to 25% by volume

Metalterj #1512 is designed to be used at temperatures from ambient to 180F. Baked-on carbon, heavy rust, paint, and Zinc Stearate coatings can be removed only at temperatures of 160F to 180°F.

