

# Metal Pro-5050™

## Heavy Duty Liquid Alkaline/Detergent Cleaner

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### DESCRIPTION:

**Metal Pro-5050** is a concentrated heavy duty alkaline cleaner with built in detergent boosters 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.

Metal Pro-5050 removes all types of oily soils; vegetable oils, animal fats and petroleum products. Removes baked-on carbon deposits, resins, paper labels, paint, rust, and many other common industrial soils.

### APPLICATIONS:

- Metal Pro-5050 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 grease and various lubricants.
- Cleaning applications: Recommended for use in soak tanks, spray washers, electrolytic, power washers, steam jennies, and ultrasonic cleaning equipment.

### PERFORMANCE PROPERTIES:

- Metal Pro-5050 contains free hydroxide, chelating and sequestering agents, as well as detergent additives which provide: quick penetration, dispersion and emulsification of oily soils.
- The liquid form of Metal Pro-5050 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 can be automatically metered to deliver a consistently accurate dilution.

### SPECIAL FEATURES:

- Non-Toxic, Non-Flammable, Highly Concentrated.
- The rust inhibition property of Metal Pro-5050 is suitable for in-process, and is capable of achieving up to midterm in house rust protection depending on concentration.

### RECOMMENDED DILUTIONS:

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 12% by volume.
- Removal of heavy, baked-on carbon, for cleaning heavily-coated heat exchangers, for removal of chemical resistant coatings and paint use: 10 to 25% by volume.

