



AEROGREEN Parts Washer Degreaser 4160



AEROGREEN 4160 Parts Washer Concentrated Degreaser for use in Immersion Degreasers: Ultrasonic Degreaser, Spray Cabinet Washer, Adjulift Parts Washer, Glove Box Washers and Hot & Cold Standard parts washers. Cleans virtually all metals including steels, aluminum & titanium to clean parts prior to painting. For large parts and batch cleaning.

SPRAY CABINET WASHERS: Spray cabinet washers are designed to clean large parts that are placed directly on a retractable turntable or batches of small parts loaded in baskets. This heavy-duty industrial parts washer combines pressure, heat and AEROGREEN 4160 to clean and degrease parts to spec within minutes.

IMMERSION-ADJULIFT DEGREASERS: There are three types of immersion systems: Cavitation (Adjulift), ultrasonic cleaning, Turbo-action immersions parts washers providing:

- * Adjulift immersion, immerses parts directly into tank with AEROGREEN and water with up/down motion swirls solution over surface dispersing contaminants
- * Ultrasonic immersion tanks produce high frequency sound waves to create an intense microscopic scrubbing action at the surface of the substrate. The energy released (produced by millions of microscopic bubbles imploding in the cleaning solution) heightens Chemical activity and strips away contaminants from the surface of the substrate.
- * Turbo-Action uses high velocity agitation of the cleaning solutions produced by spray nozzles that force the cleaner around and through the parts.

STANDARD PARTS WASHERS: There are many types of standard aqueous parts washers designed to use AEROGREEN 4160 (aqueous degreasers) to replace the need and use of Stoddard solvent parts washers in maintenance shops, garages, and tool shops. Designed, specifically for aqueous cleaners such as AEROGREEN and engineered, and developed to be low maintenance and cost effective, for years of trouble free part cleaning service.



PARTS WASHER

DIRECTIONS FOR USE FOR HEATED IMMERSION TANKS:

Follow equipment manufacturer's specified procedures for operating equipment.

1. Dilute AEROGREEN 4160 as follows:

- Light Soils 3-6 % AEROGREEN 4160
- Medium Soils 6-10% AEROGREEN
- Heavy Soils 10-15% AEROGREEN

2. Set Temperature 140 to 190 degree F.

3. Set Timer for cleaning cycle:

- Light oils and greases 5-10 Min
- Medium oils and greases 10-20 Min
- Heavy oils and greases 30-90 Min

4. For intricate parts, add an additional 10 minutes minimum to the cleaning cycle.

5. The oil skimmer should be set to come on after the solution in the tank has cooled down.

6. A daily pH reading is recorded to determine the life of the bath. A pH of 9 or below is considered spent.

7. If the equipment does not have a proportioner attached then automatically adjust the solution close to the original pH by adding makeup solution. As new water is added to make up for the loss due to drag out and evaporation add 4160, 1 gallon at a time, to make up for solution loss and bring the pH back up close to original.

8. Rinsing is required for all parts cleaned in dip tanks, Immersion tanks and ultrasonic systems.

9. Dry parts with forced air, or hand wipe dry.

Two stage washers that do not have spray nozzles but rely on immersion only can operate from 90-120 F with out foam occurring

Note: Agitation can not be turned on until the cleaning bath has reached a temperature of 135 degrees F or greater for the defoamers in 4160 to be activated.

DIRECTIONS FOR COLD IMMERSION TANKS AND PART WASHERS:

Replace the use of solvents, Naphtha, and mineral spirits generally used in part washing equipment with AEROGREEN 4160 diluted with water as shown below. The diluted AEROGREEN solutions is then used in parts cleaners in the same manner and procedures as solvents. These procedures are specified by the equipment manufacturers.

Heat is not required, but some parts washers will have a heating element that brings the temperature to ambient, from 68-77 degrees Fahrenheit, especially for use in cold regions. The oil-splitting properties of AEROGREEN 4160 provides for a much extended bath life compared to solvents.

DILUTION RATIO FOR 4160 (WATER: CLEANER)

Light soils-greases	4:1
Mediue soils-greases	3:1
Heavy soils-greases	2:1

Extreme heavy soils-greases 1:1

SAFETY/CAUTION: Rubber gloves are recommended to prevent drying of the skin. Goggles are recommended to protect eyes if splashing is expected. When heated above 125 F, mechanical or local ventilation is required. When using product in steam cleaning and/or pressure washing applications wear a rain suit and boots to keep clothes dry. Harmful if swallowed. Avoid getting into eyes. If contact occurs, flush with running water. If irritation persists, get medical attention. May cause dryness of skin with prolonged use, wash hands with cold water and apply a hand lotion.

AEROGREEN 4160 Available in

- 5 Gallon Pail
- 55 Gallon Drum
- 275 Gallon Tote
- 330 Gallon Tote

