

# ULTRASONIC MULTI CLEANER

## 1. DESCRIPTION

- Suitable for use on all common metals (except zinc and some magnesium alloys).
- Designed for ultrasonic equipment.
- Easy to dispose.
- Low foaming so can be used in cleaning machines

The cleaning of heavily contaminated fuel and lubricating oil filter, cylinder heads and aircoolers often give problems. The use of a cleaning agent only is generally unsatisfactory as only a part of the deposits will be removed, and in most cases carbon residues and other solid materials will be left behind. In such cases the use of ultrasonic sound waves in combination with a special cleaning agent gives good results. The contamination will be removed by the ultrasonic process in the liquid. The special detergents in the cleaning agent keep the contamination dispersed in the liquid and the complexing agents will partly dissolve them. **ULTRASONIC MULTI CLEANER** has been developed for use in ultrasonic baths for the cleaning of all materials except zinc, galvanized parts and/or magnesium alloy.

## 2. APPLICATIONS

**ULTRASONIC MULTI CLEANER** is used in ultrasonic cleaning baths and in cleaning machines.

## 3. DIRECTIONS FOR USE

### IN ULTRASONIC CLEANING BATH

The components to be cleaned can, if necessary, be degreased with **COLD WASH** or **CLEAN BREAK** or **LECTRO CLEAN FAST**. Depending on the degree of contamination, **ULTRASONIC MULTI CLEANER** should be used in a 5-25% solution in water at a temperature of 50-70°C. Dismantle the equipment to be cleaned (i.e.: remove top and bottom rings from filter candles), put the components in the bath taking care that the elements are completely immersed and kept separate. We recommend a cleaning time of 5-30 minutes but longer if necessary. Take the elements out of the bath and spray with a powerful water jet. After drying **TANKOTE** or **NAVALAN 402** can be used to preserve the elements. The cleaning solution has to be renewed and the bath cleaned regularly, because in a contaminated bath the parts cannot be cleaned effectively.

### CLEANING MACHINES

**ULTRASONIC MULTI CLEANER** is, depending on the nature and degree of contamination, applied in an approximately 4% solution in cleaning machines. The contaminated object must be placed in the machine and cleaned for 30-60 minutes at a temperature of 80-90°C. Finally, rinse with water.

### MULTI PURPOSE CLEANING LIQUID FOR USE IN ULTRASONIC CLEANING BATHS AND CLEANING MACHINES

#### Product Highlights

- Suitable for use on all common metals (except zinc and some magnesium alloys).
- Designed for ultrasonic equipment.
- Easy to dispose.
- Low foaming so can be used in cleaning machines (Bupy Cleaners).

#### Product Characteristics

Appearance:	Clear liquid
Corrosive action:	None
Specific gravity:	1.022
Flash Point:	None
pH:	11.5

This information is not to be taken as a warranty or representation for which we assume any legal responsibility. The information is offered solely for your consideration, investigation and verification

clean chemicals    clean ships    clean seas



## PRODUCT CHARACTERISTICS

## ULTRASONIC MULTI CLEANER

**ULTRASONIC MULTI CLEANER** is a low foaming mild alkaline liquid. It can be used on all common metals except zinc, galvanized materials and some magnesium alloys.

We advise to test light metal alloys (aluminum / magnesium alloys etc.) i.e. pistons, turbo blower parts etc. in advance for 5-10 minutes. Suitable for use on synthetic materials, rubber and cured lacquers.