



## DERKEMP MAT L 3

Alkaline cleaner for industrial degreasing

### FEATURES

DERKEMP MAT L3 is an alkaline degreaser formulated for industrial washing of steel parts in automatic jet, ultrasonic or tunnel.

- It is particularly suitable to be used in spray systems, in rotating basket equipments or in the tank by immersion.
- It is a low foam product, it does not foam even under strong turbulence.
- The product can be used for both alkaline degreasing and as a pre-treatment prior to the phosphating process.
- It can also be used with high hardness water (up 45°F) without creating particular problems of deposits or scaling.
- It finds optimal applications also as detergent in pressure washers and ultrasonic cleaners.

### METHODS OF USE

Derkemp Mat L3 is generally used at variable concentrations ranging from 1 to 5% in water according to the type of contamination to be removed and operating conditions. Use the solutions in tunnelwash systems or part-washing machines as indicated, at variable temperatures between 40°-70°C for times that range from 3 to 15 minutes.

**Do not use on aluminium, copper and relative alloys.**



### BATH TITRATION

The product can be easily titrated and it is essential to maintain the baths at the proper concentration. Extract 10 ml of solution and introduce them in a flask. Add 10 ml of distilled water and two drops of phenolphthalein. Titrate with 0.1 N Hydrochloric acid until the purple colour disappears. The product concentration in the solution can be traced by the number of ml of Acid used:

**% Derkemp Mat L3 = 0.31 x ml of acid 0,1N**