

Degreaser

SLOTOCLEAN BIO 100

Degreaser SLOTOCLEAN BIO 100 is an aqueous, weakly alkaline and poor-foaming biological-based cleaning system.

Degreaser SLOTOCLEAN BIO 100 removes and emulsifies oil and grease from surfaces even at low temperatures of ~ 40°C. Natural microorganisms, as also found in nature plus being harmless to the human organism, are forming in the degreaser system and biologically degrade these oils and grease. The degradation rate of organic substances (related to C.O.D. - chemical oxygen demand) is between 0.5 and 1 g/l within 24 hours.

SLOTOCLEAN BIO 100 is used as an emulsifying cleaner for pre-cleaning of parts made of steel, copper, copper alloys and aluminium prior to plating. It is not suitable for cleaning of zinc die-cast since SLOTOCLEAN BIO 100 here attacks the surface over a longer treatment time. BIO 100 is further used for surface cleaning before phosphate coating or painting.

Past experience has shown that there is less formation of sludge compared to conventional degreasers, even in heavy-loaded plants. Although the forming sludge does not impact the environment it should be disposed as hazardous waste.

The SLOTOCLEAN BIO 100 Degreaser is easy to handle. The electrolyte should be operated with a constant gentle air agitation in order to supply the microorganisms with oxygen. Electrolytes with a strong bath load especially with strong drag-in of oil require the installation of a gravity oil separator to collect the excess oil which is not degradable by the microorganisms. Filtration of the degreaser with conventional filter systems is sufficient for electrolytes with a poor bath load. Due to the low pH-value and the poor salt content it is possible to work without rinsing and using a system-integrated pickling solution instead.

The information in this data sheet is based on laboratory as well as practical experience. Figures quoted for operating limits and replenishment quantities are for guidance. Actual values necessary will depend on the components being plated (material and geometry), their application and plating plant conditions.

Important:

Please read these instructions carefully and follow recommendations given.

We reserve the right to make technical changes as necessary.

In the interests of safety, please pay attention to the R- and S- phrases on the drum label.

The shelf life of the additives is generally 18 months.

The date of production is taken from the first 3 figures of the batch number.

Figure 1 = year; figures 2-3 = month; figures 4-7 = batch number; (UK labels use a 4 digit year code).

For the storage of chemical products only the Hazardous Substances Regulation must be followed.

The Hazardous Goods Regulation (ADR/GGVS) are only valid for transportation and must not be applied to storage.