

CUSTOMER INFORMATION FOR DELIVERY OF REPAIR PUMPS

1. General

The repair of a pump requires the complete dismantling and cleaning of the pump and its individual parts. So that appropriate protective measures can be taken for the dismantling employees of the company HERMETIC-Pumpen GmbH, a complete information about the contamination level of the pump and the last pumped liquid by the customer is indispensable. Only after receipt of a declaration from the customer in the form of a GRAS Certificate (UNB) and a safety data sheet (SID) can the pump be disassembled.

1. Goods Receipt - Seal of Approval

In order to better identify the potential danger posed by the pump and to speed up the processing, we have introduced a goods receipt test seal, which has been in force since 01.04.2019. For this, the customer is requested to announce the delivery of a repair pump together with the documents (UNB and SDB). The documents are checked in advance at the company HERMETIC-Pumpen GmbH internally and the customer receives a release for delivery with a goods receipt inspection seal, which must be visibly attached to the consignment. It is important to ensure that the test seal is assigned to an equipment number and has only this validity.



We ask for your understanding, if from 01.07.2019 the delivery of a consignment without a seal of approval has to be rejected.

2. Disassembly and cleaning of the canned motor pump

The dismantling and cleaning of pumps, which are used to promote special harmful liquids, can only be carried out by HERMETIC-Pumpen GmbH in a completely decontaminated state.

These fluids are identified by the following H-phrases:

- H300, H301
- H310, H311, H330, H331
- H200 - H205, H230, H231, H250, EUH001, EUH006, EUH018, EUH029, EUH031; EUH032

In these cases, the decontamination of the pump in disassembled condition must be done by the customer.

The entire pump has to be disassembled into its individual parts. It is important to ensure that all product-wetted screws are dismantled to ensure that no product remains in behind dead spaces

are possible. Furthermore, dismantle the terminal box, the can, and the rotor casing.

The individual components are then to be decontaminated

a. Dismantling instructions "Stator"

To disassemble the stator, first open the welded screw on the terminal box. This is necessary to relieve the possibly pressurized interior. The terminal box can then be dismantled and the winding connections underneath the terminal box released. The dismantling of the can is done by separating the welds on the motor housing covers or the cover plates. It is important to ensure that the welding lips on the motor housing covers are not damaged too much. Then dismantle the motor housing covers. Taking into account that cavities exist within the motor winding which can't be decontaminated, the motor winding must be dismantled. For this please contact the company HERMETIC-Pumpen GmbH.

a. Dismantling instructions "shaft / rotor"

To decontaminate the rotor, carefully open the welds of the jacket and remove the rotor shell. Due to internal cavities decontamination of the rotor can't be done. If the rotor package is contaminated by product residues, the complete shaft can no longer be repaired and disposed of.

3. Transportation and shipping

The decontaminated pump components must be properly packaged and secured against further damage by mutual contact. The test seal awarded by the preliminary examination of the documents must be visibly attached to the consignment from the outside.

HERMETIC–Pumpen GmbH

Attachment:

1. GRAS Certificate