

**SB 1000-106****Brake lining replacement at the mooring winch band brake**

2018-11-28

Rev. B

## 1 Scope and Target Group

**⚠ WARNING**

- ✓ Always refer to the user manual for additional information and safety warnings.
- ✓ Only perform this task if you are qualified to carry out the steps described below.
- ✓ Always make sure that the tasks described in this bulletin are intended for the equipment you are working on.
- ✓ If you are unsure about the workflow, steps or qualification, contact your TTS aftersales service contact.

**Your aftersales service contact:**

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## 2 Problem

How to replace the brake lining at the mooring winch band brake?

## 3 Solution

### 3.1 Safety advises



Smoking during work prohibited!



The adhesive is inflammable!

Keep storage box for the adhesive well closed!

Storage must be ventilated! Avoid flames and sparks!

Cut off electrical devices while working with the adhesive!

Avoid electrostatic charges while working with the adhesive!

Make sure the room is well ventilated during and after working with the adhesive!!



Danger of polluting the environment!

Prevent discharge of the adhesive or thinner into the sewage system or the immediate environment!

### 3.2 Removing of brake lining at the mooring winch band brake

When excessive wear can be observed on the brake lining at the mooring winches, it has to be replaced. For this the brake has to be disassembled.

1. Remove all clamping elements (screws or rivets).
2. Use heat to remove the brake lining from brake band.



Toxic gases!

During heating exhausting gases may be emitted that can be hazardous to health.

Appropriate protection must be used!



3. Make sure that that the brake band is completely smooth before gluing the new lining.

### 3.3 Applying the new brake lining at the mooring winch band brake

The TTS Marine brake lining at the mooring winches must be glued on the brake band. The following preconditions must be observed before gluing the new brake lining on the band brake.

1. The brake band and lining must be dry and free from dust, grease and oil.
2. Check for damage before sticking together brake band and lining.
3. Cut the brake lining to size accordingly.
4. Provide both parts with the "Bostik Kontaktlim 3006 (Contact adhesive 3006)".
5. Always start to paste the brake band at the middle and then work on to both ends simultaneously.

#### NOTICE

Observe the relevant ventilation time for the glue as stated in the according using instruction (refer to section 4 in this document).

6. Fit both parts instantly together and fix them with clamping device.
7. Make sure that brake lining is tight to brake band (no interstices).
8. Use the brake band as template for drilling the required holes for the rivets and screws.
9. After the glue has dried out completely you can remove the clamping device.
10. Assemble mounting elements (screws or rivets).
11. After mounting the brake band on the brake ring grind in the brake lining.
12. Check brake clamps and brake.

#### NOTICE

We recommend "Bostik Kontaktlim 3006 (Contact adhesive 3006)" – other glues by request.

#### ⚠ WARNING

Possible danger to health!

Glue and thinner are inflammable, therefore precautions must be observed. Appropriate safety equipment must be worn.

### 3.4 Service offer

The brake lining replacement can be carried out by our service, either as a complete assembly or a complete change. Please contact your TTS aftersales service for an offer.

## 4 Adhesive "Bostik Kontaklim 3006 (Contact adhesive 3006)"

The "Bostik Kontaklim 3006 (Contact adhesive 3006)" is a one-component high-performance adhesive based on chloroprene-caoutchouc. An excellent attribute is gluing together rubber to rubber, rubber to metal, wood or plastics.

The adhesive is resistant against water and high temperatures, flexible and qualified for high mechanical stress.

### NOTICE

All safety and handling instructions of the "Bostik Kontaklim 3006 (Contact adhesive 3006)" must be obeyed. Refer to the Safety Data sheet and the instructions on the container of the adhesive..

### 4.1 Directions for use

Before using, stir up well. The surfaces have to be absolutely clean and dry. For better adhesive power, smooth surfaces shall be roughed and the work should be performed at room temperature.

Both surfaces must be coated with a thin film of the "Bostik Kontaklim 3006 (Contact adhesive 3006)" glue.

After about 15 minutes, as a normal time for ventilation, press together both parts.

Thickness of coating, ventilation time, or a second coating depends on materials, expected mechanical stress and other influences of the environment, for example temperature, dampness, working rate and others.

### 4.2 After use

As thinner and for cleaning of materials and tools, use the "Hawe Thinner Super S" or similar thinners.

### NOTICE

Storage time at room temperature is about 6 months. Color: yellow to brown.

### ⚠ WARNING

Danger of polluting the environment!

Prevent discharge of the adhesive or thinner into the sewage system or the immediate environment!

Although the quality of our "Bostik Kontaklim 3006 (Contact adhesive 3006)" adhesive is always constant, it is indispensable to make tests of gluing before use in order to test the environment conditions and the mode of working procedure.

### NOTICE

TTS will not be liable for damages caused by disregarding of the given directions for use.