

SAE Inc. Standard No. 113

Corrosion Testing of TPG Outrigger Pads

ABSTRACT

This test method is used to evaluate the corrosion resistance of TPG Outrigger Pads when exposed to a 3% NaCl solution for a minimum of 4 weeks.

1. EQUIPMENT REQUIRED

- 1.1 100 gallon tank
- 1.2 3% NaCl solution in spray bottle
- 1.3 Large plastic bag
- 1.4 Zip ties

2. SAMPLE PREPARATION

- 2.1 Use the large plastic bag to line the 100 gallon tank.
- 2.2 Mix up a solution of 3% NaCl in a spray bottle.

3. PROCEDURE

- 3.1 Get a new TPG Outrigger Pad from inventory, take pictures of both sides.
- 3.2 Place the TPG Outrigger Pad in the plastic lined 100 gallon tank.
- 3.3 Thoroughly spray both sides of the TPG Outrigger Pad with the 3% NaCl solution and record how much of the solution was sprayed on the pad.
- 3.4 Close the top of the plastic bag and seal with zip ties.
- 3.5 Open the bag and remove the TPG Outrigger Pad once per week. Take pictures of both sides and make a note of any visible corrosion.
- 3.6 Return the TPG Outrigger Pad to the lined 100 gallon tank and spray both sides with the 3% NaCl solution. Record how much of the solution was sprayed on the pad.
- 3.7 Reseal the bag and repeat steps 3.5 to 3.6 once a week until the test has run for a minimum of 4 weeks.
- 3.8 At the completion of the test record any observations on corrosion of the TPG Outrigger Pad.

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