

Appendix A

Photographs of exposed test coupons

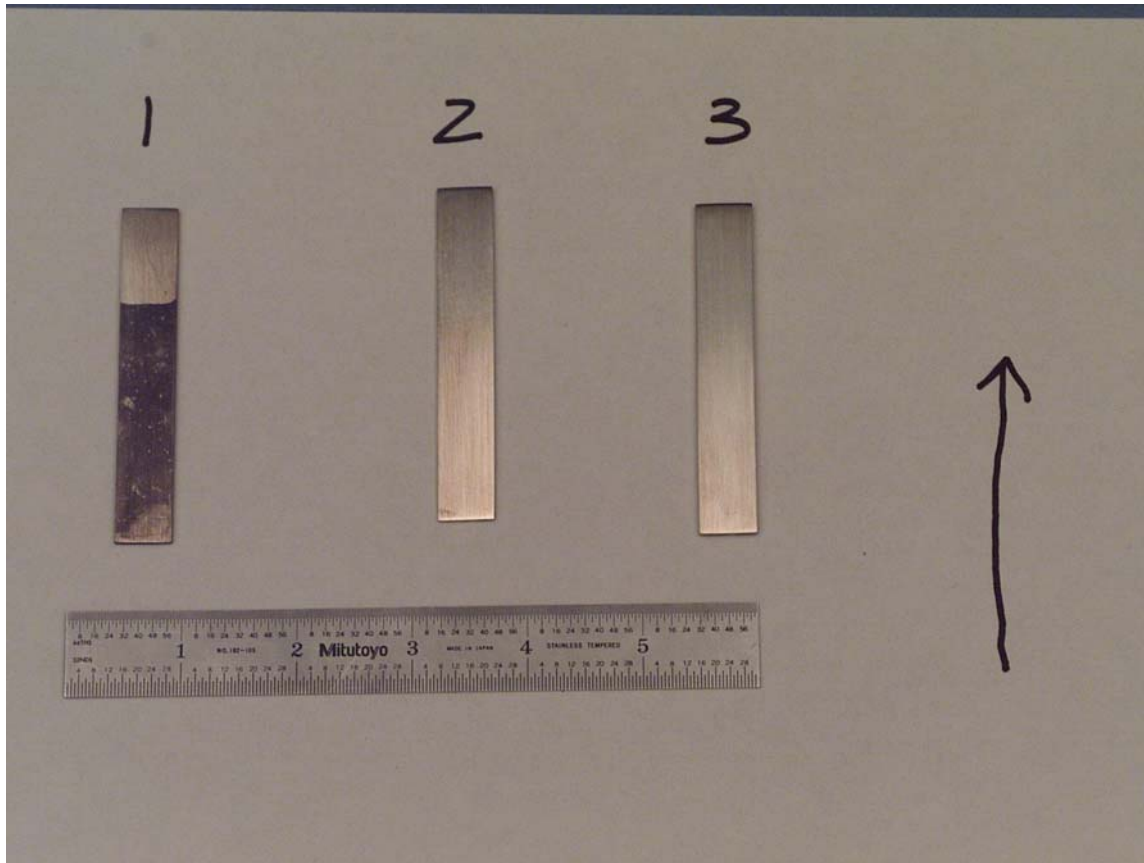


Figure A1. Side A of test coupons exposed at ambient temperature only to: (1) distilled water, (2) de-icing fluid #1, and (3) de-icing fluid #4. These fluid contaminants were not mixed with grease for these three tests. (Arrow indicates orientation of coupons in the grease.)

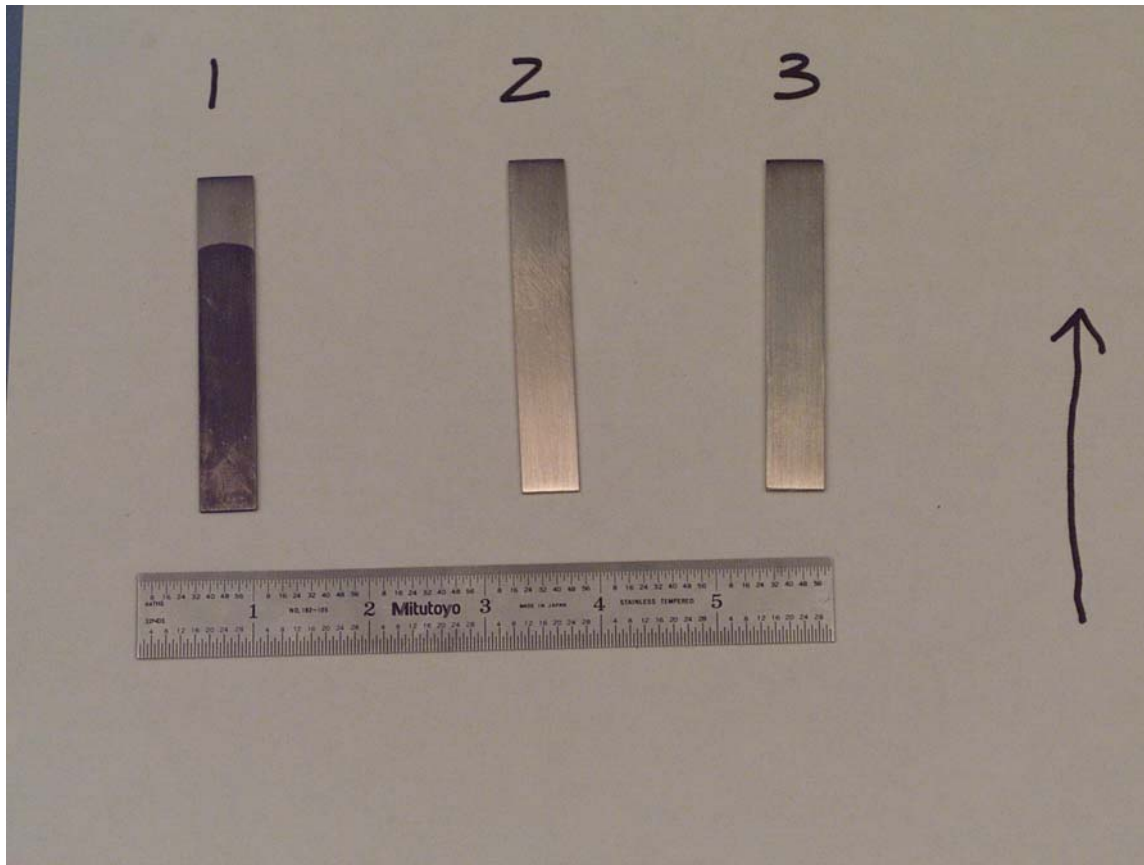


Figure A2. Side B of test coupons exposed at ambient temperature only to: (1) distilled water, (2) de-icing fluid #1, and (3) de-icing fluid #4. These fluid contaminants were not mixed with grease for these three tests. (Arrow indicates orientation of coupons in the grease.)

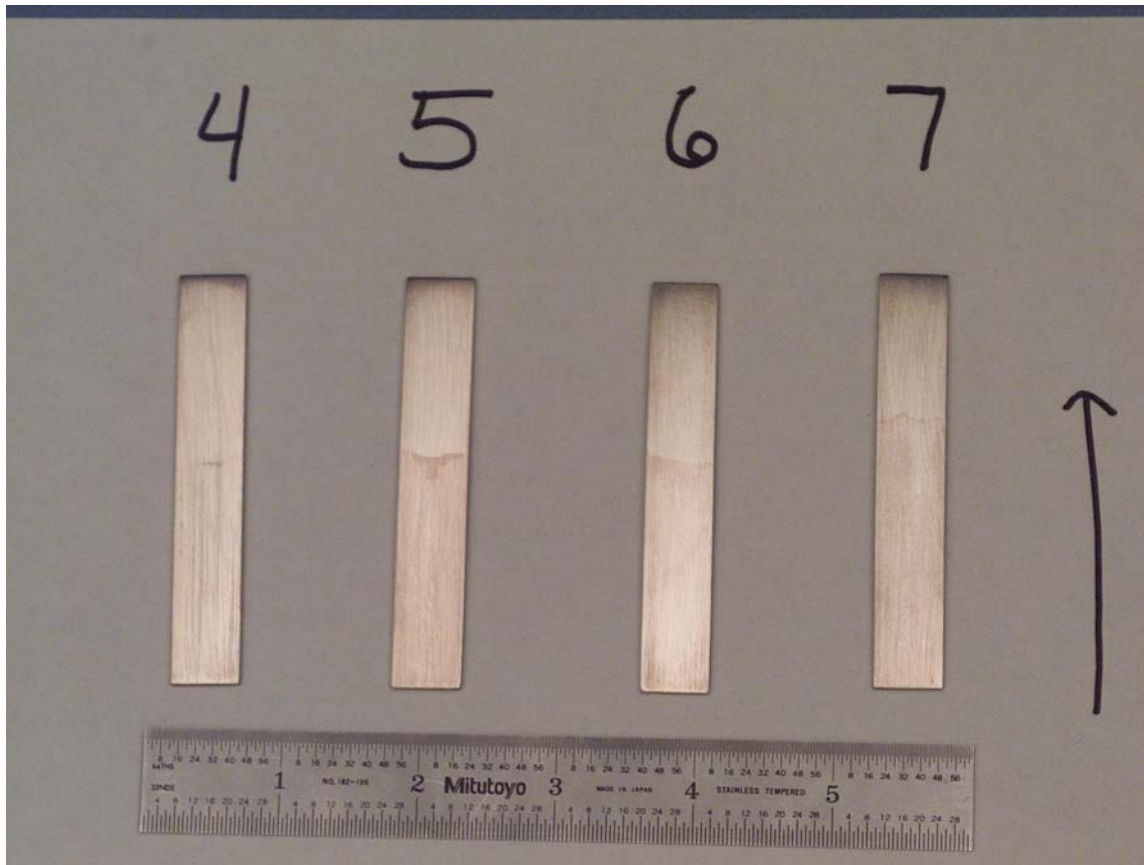


Figure A3. Side A of test coupons exposed at ambient temperature to a mixture of 100% Aeroshell 33 and: (4) distilled water, (5) de-icing fluid #1, (6) de-icing fluid #4, and (7) no fluid contaminant. (Arrow indicates orientation of coupons in the grease.)

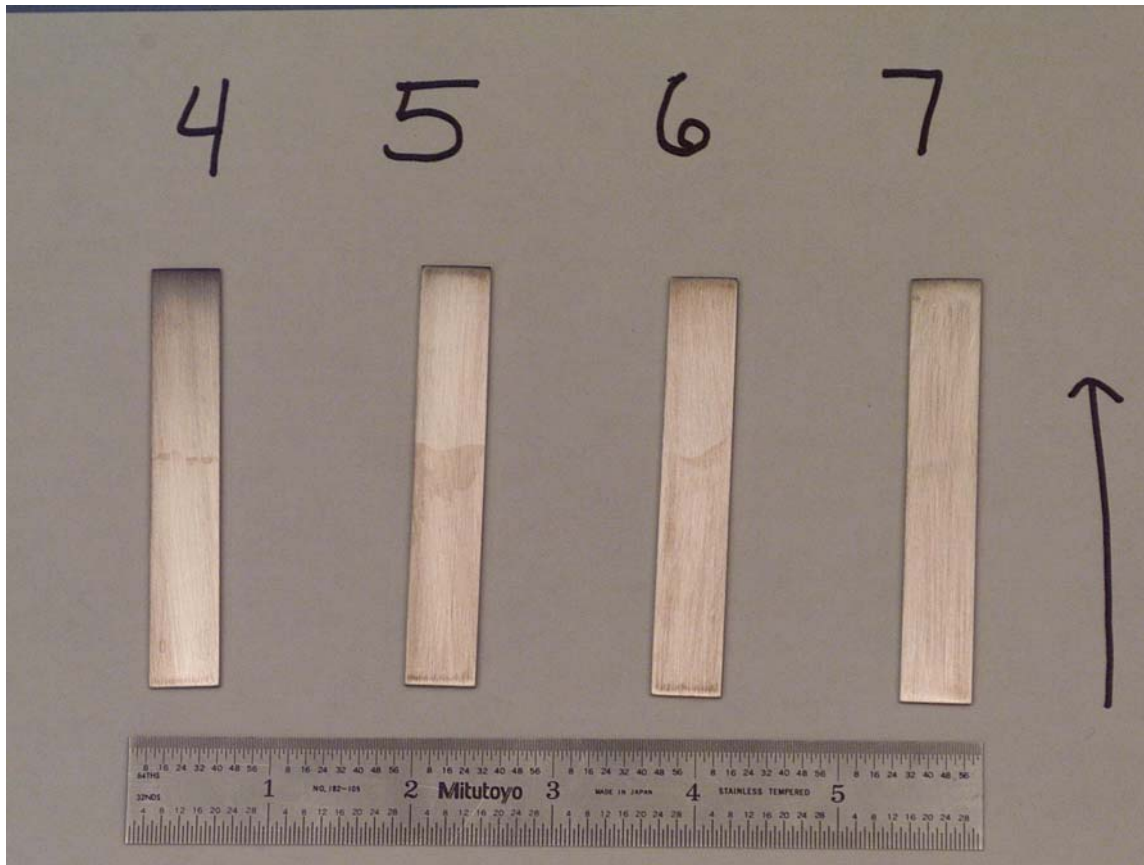


Figure A4. Side B of test coupons exposed at ambient temperature to a mixture of 100% Aeroshell 33 and: (4) distilled water, (5) de-icing fluid #1, (6) de-icing fluid #4, and (7) no fluid contaminant. (Arrow indicates orientation of coupons in the grease.)

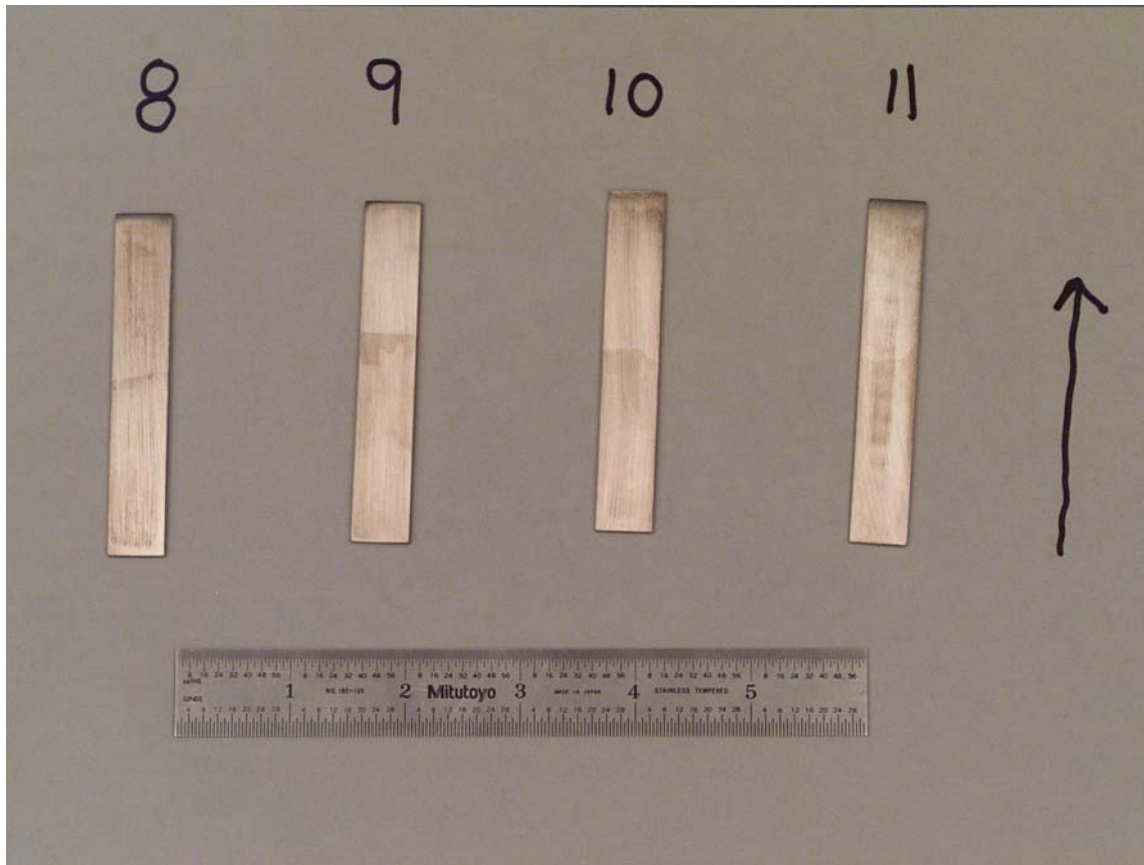


Figure A5. Side A of test coupons exposed at ambient temperature to a mixture of 50% Aeroshell 33 and 50% Mobilgrease 28 and: (8) distilled water, (9) de-icing fluid #1, (10) de-icing fluid #4, and (11) no fluid contaminant. (Arrow indicates orientation of coupons in the grease.)

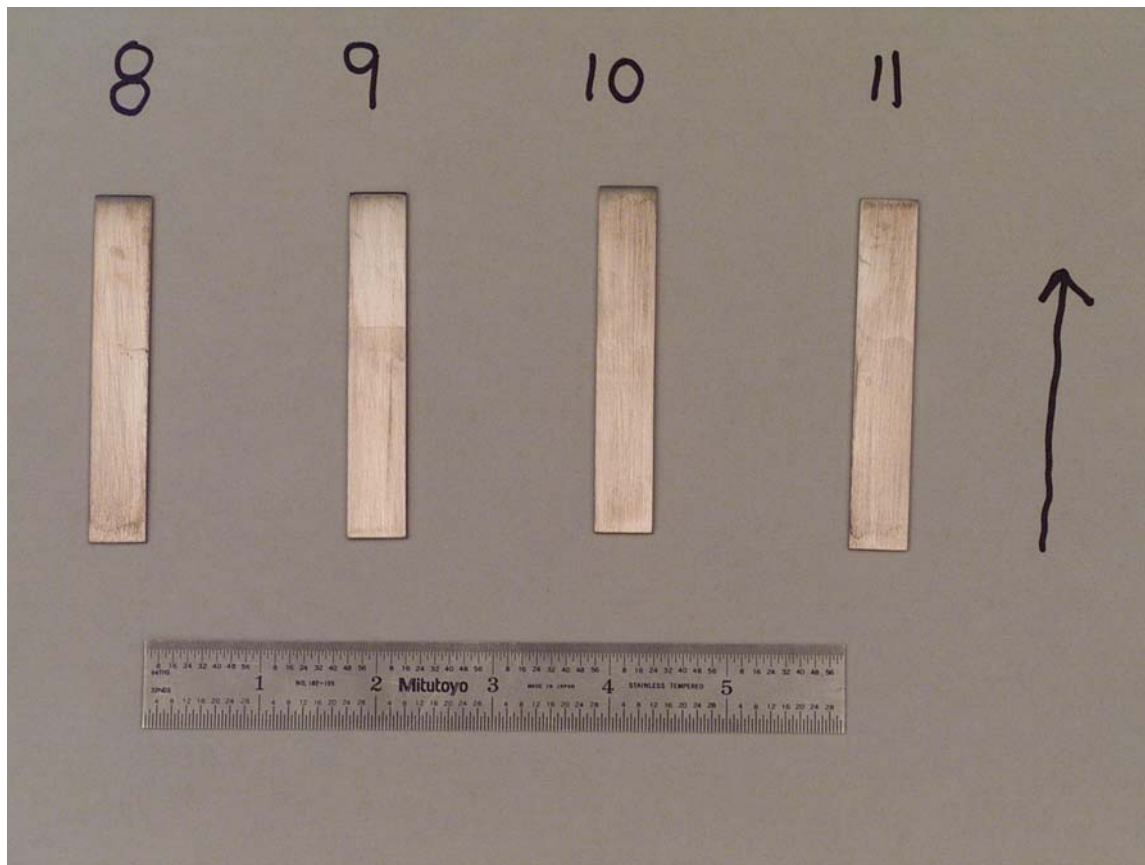


Figure A6. Side B of test coupons exposed at ambient temperature to a mixture of 50% Aeroshell 33 and 50% Mobilgrease 28 and: (8) distilled water, (9) de-icing fluid #1, (10) de-icing fluid #4, and (11) no fluid contaminant. (Arrow indicates orientation of coupons in the grease.)

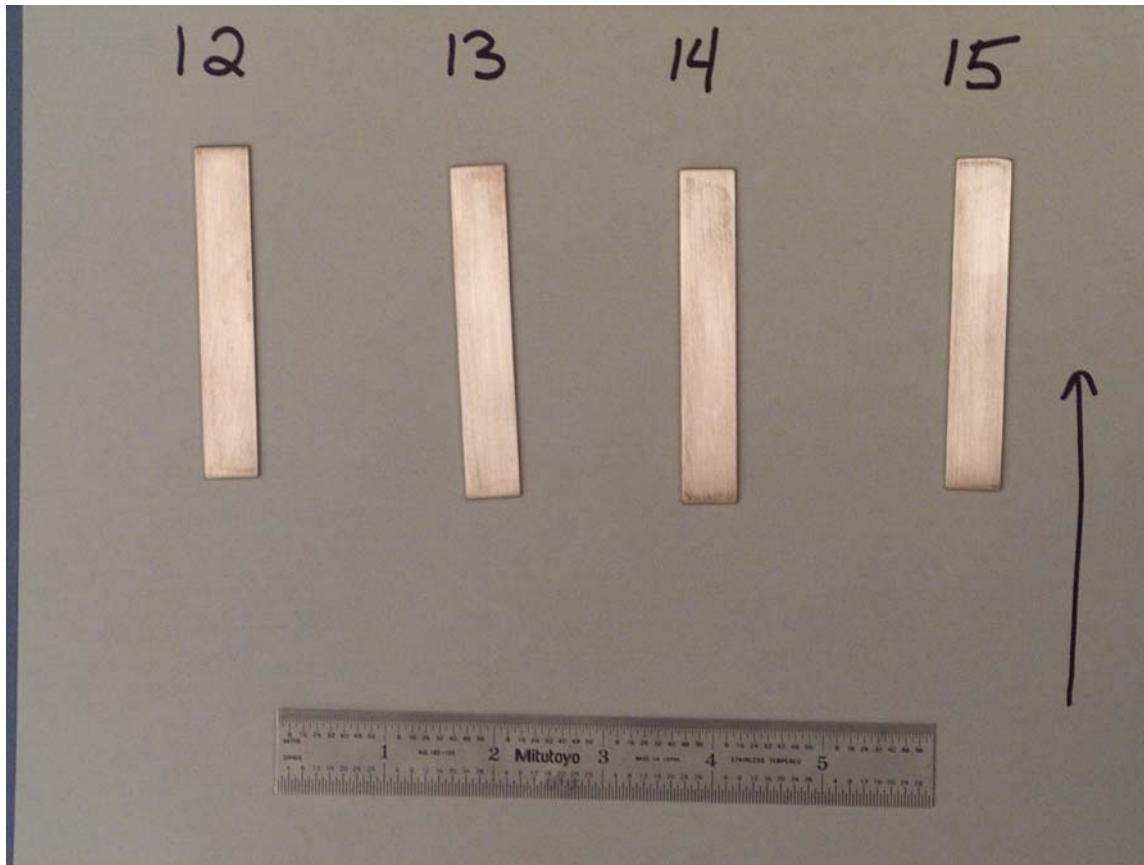


Figure A7. Side A of test coupons exposed at ambient temperature to a mixture of 100% Mobilgrease 28 and: (12) distilled water, (13) de-icing fluid #1, (14) de-icing fluid #4, and (15) no fluid contaminant. (Arrow indicates orientation of coupons in the grease.)

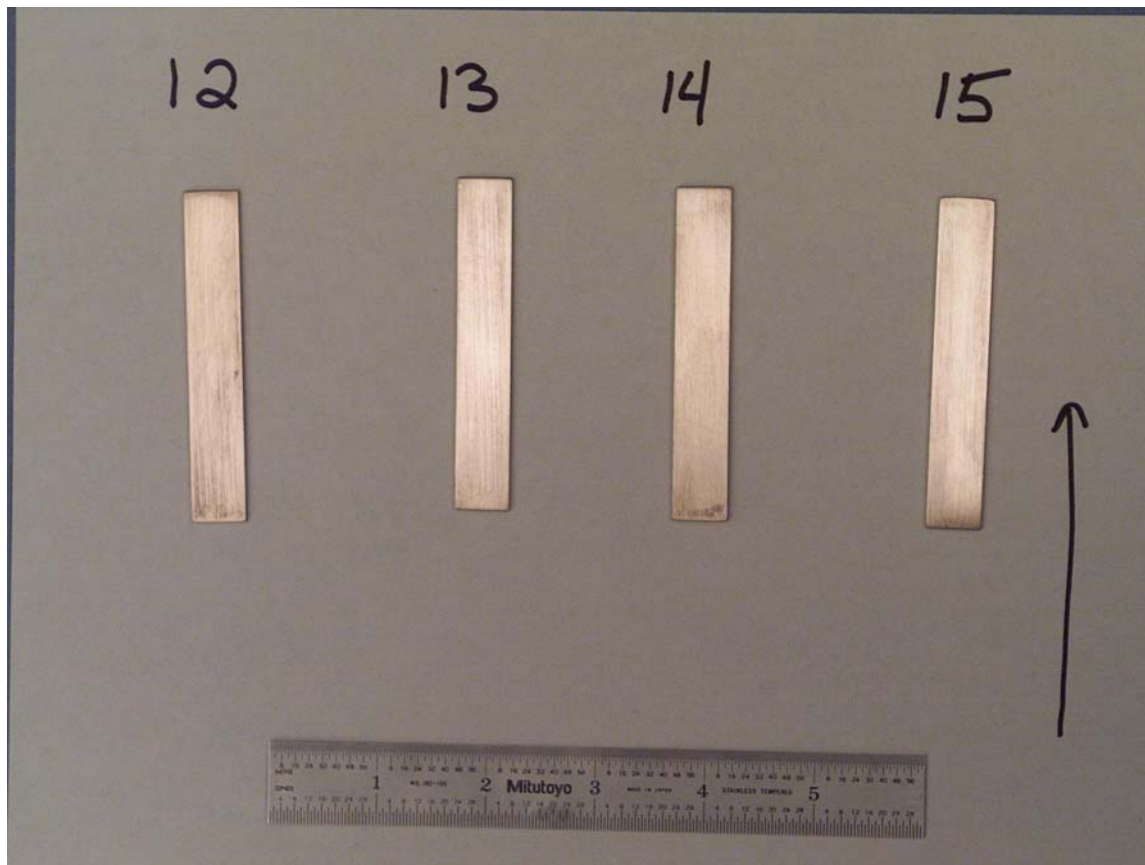


Figure A8. Side B of test coupons exposed at ambient temperature to a mixture of 100% Mobilgrease 28 and: (12) distilled water, (13) de-icing fluid #1, (14) de-icing fluid #4, and (15) no fluid contaminant. (Arrow indicates orientation of coupons in the grease.)

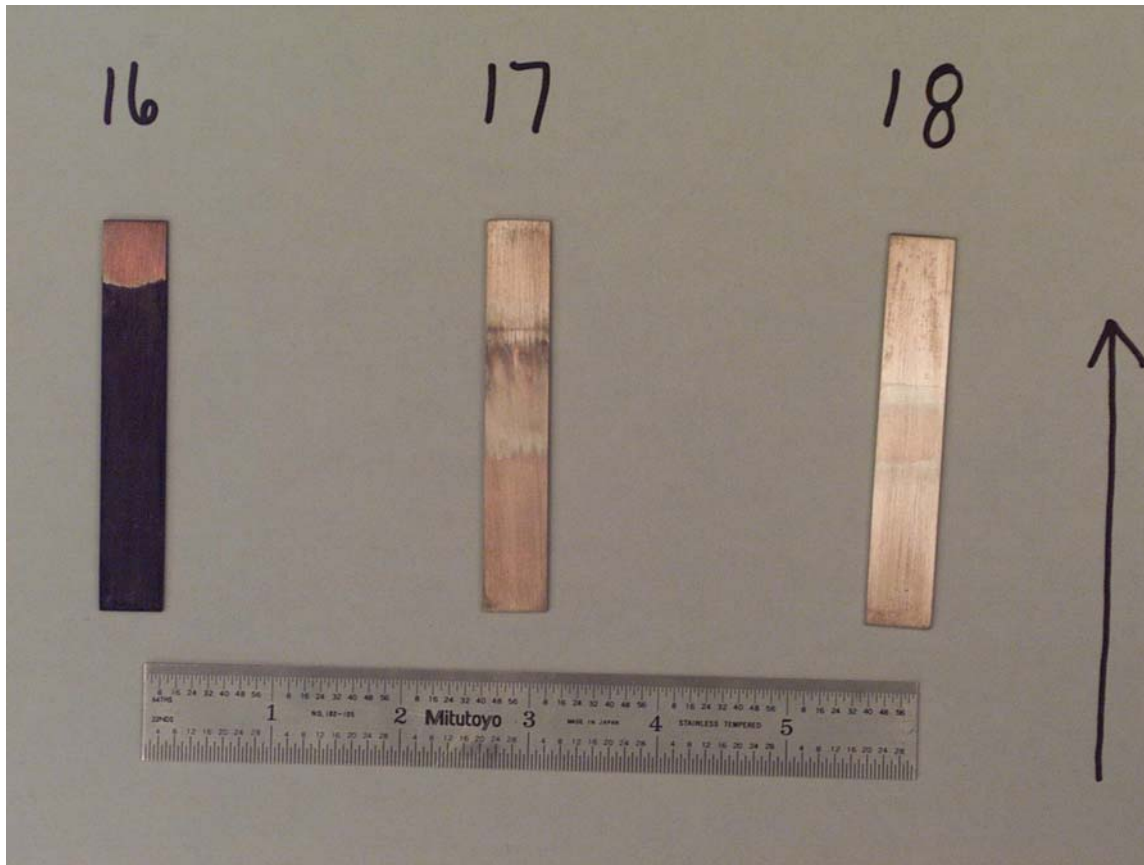


Figure A9. Side A of test coupons exposed at 150 degrees only to: (16) distilled water, (17) de-icing fluid #1, and (18) de-icing fluid #4. These fluid contaminants were not mixed with grease for these three tests. (Arrow indicates orientation of coupons in the grease.)

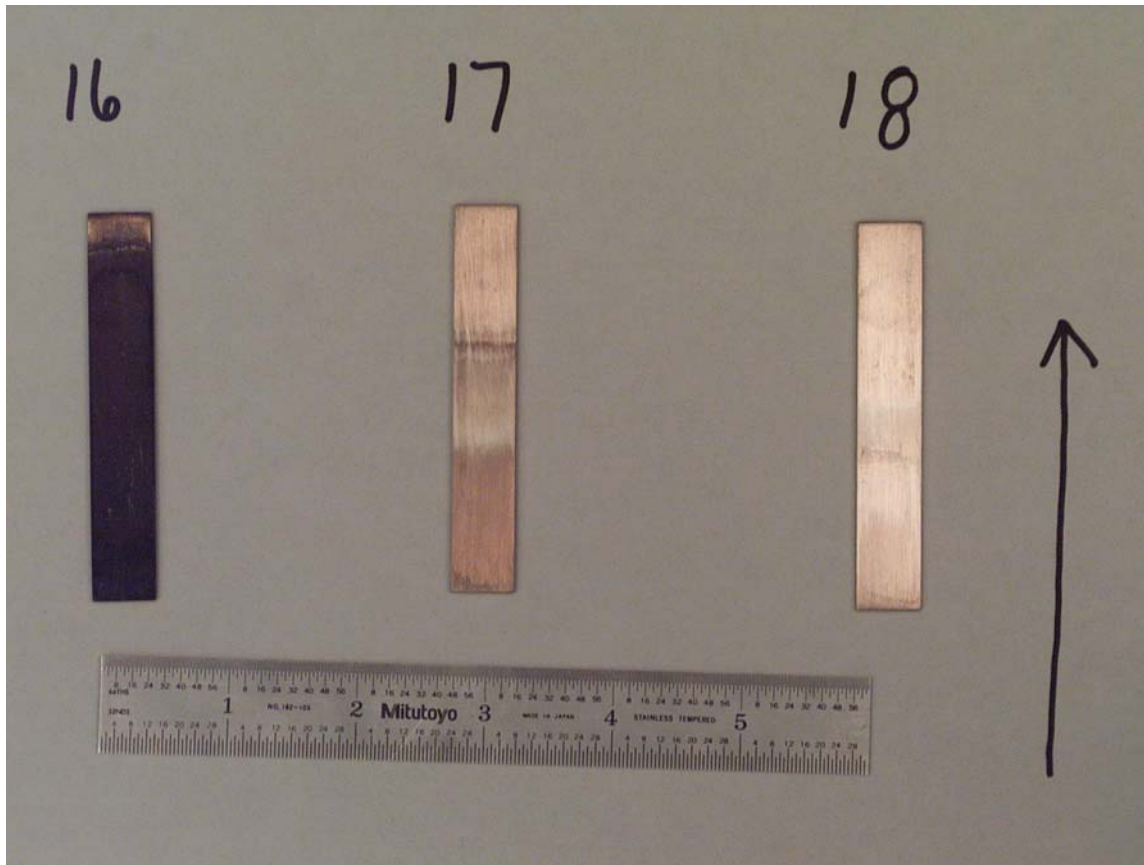


Figure A10. Side B of test coupons exposed at 150 degrees only to: (16) distilled water, (17) de-icing fluid #1, and (18) de-icing fluid #4. These fluid contaminants were not mixed with grease for these three tests. (Arrow indicates orientation of coupons in the grease.)

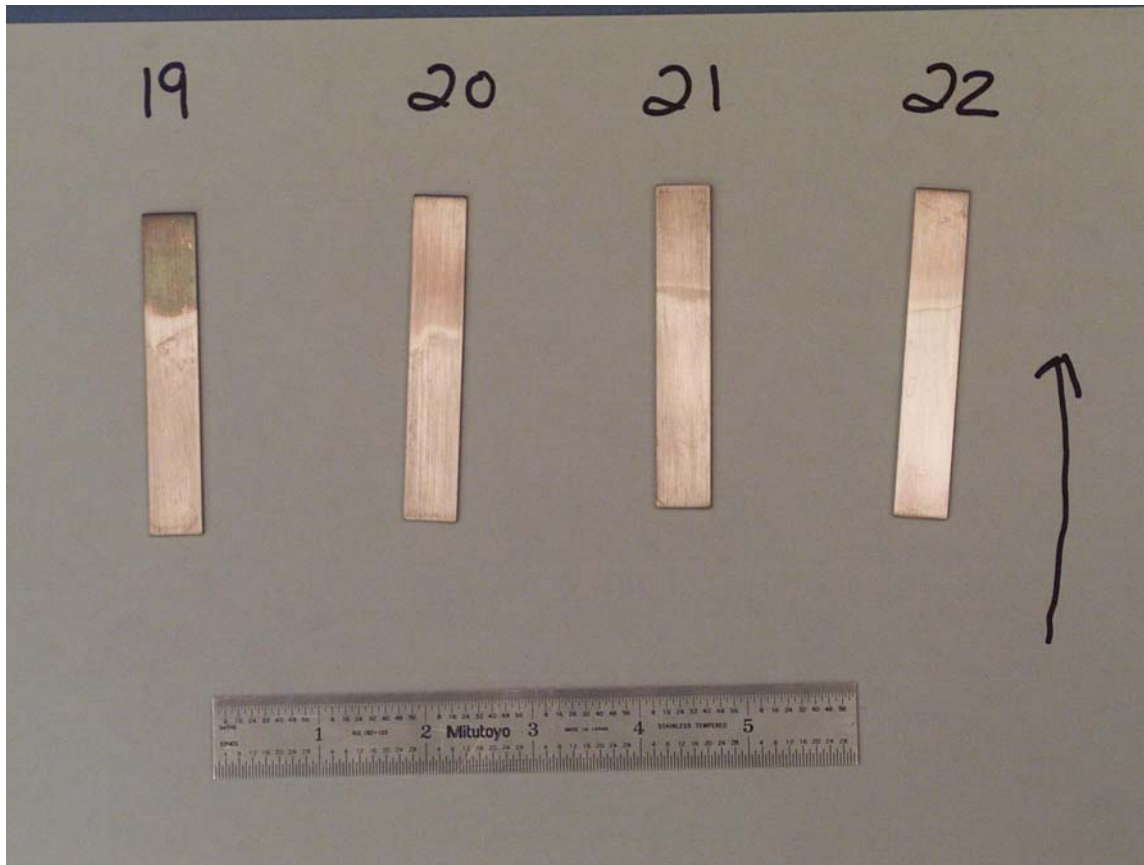


Figure A11. Side A of test coupons exposed at 150 degrees to a mixture of 100% Aeroshell 33 and: (19) distilled water, (20) de-icing fluid #1, and (21) de-icing fluid #4, and (22) and no fluid contaminant. (Arrow indicates orientation of coupons in the grease.)

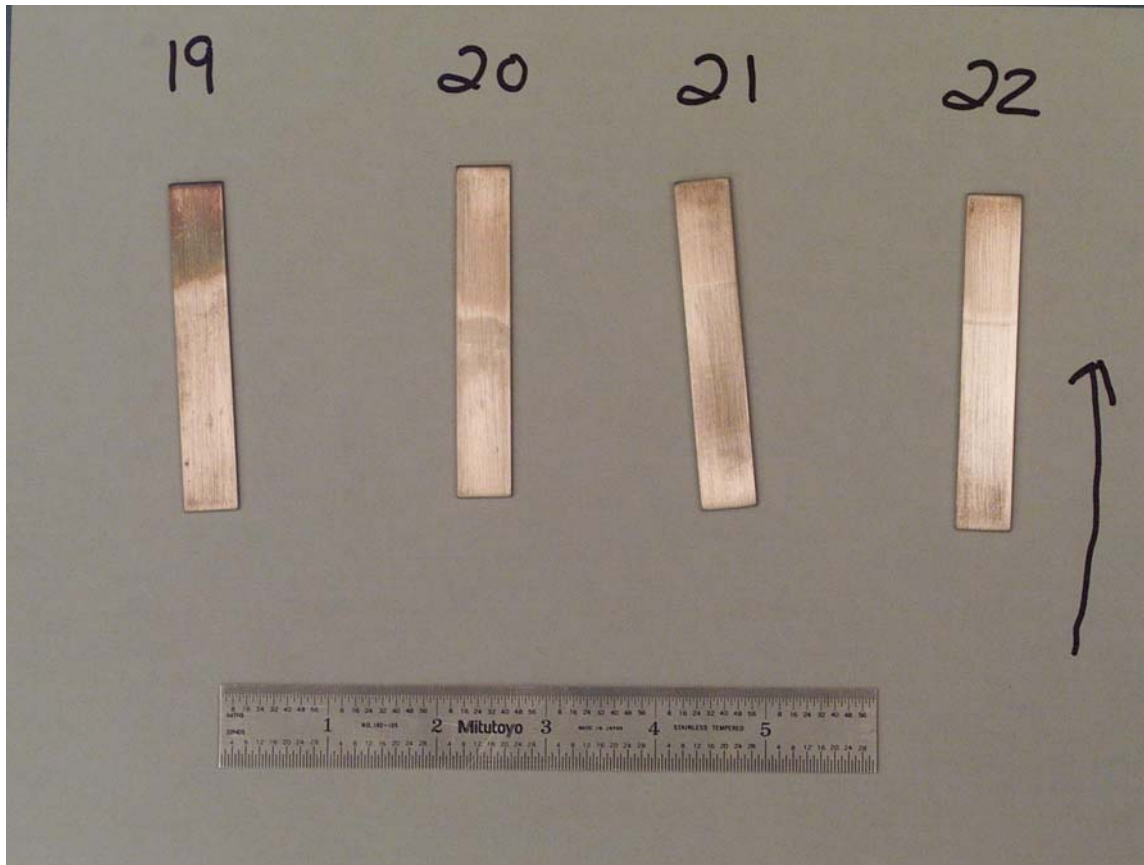


Figure A12. Side B of test coupons exposed at 150 degrees to a mixture of 100% Aeroshell 33 and: (19) distilled water, (20) de-icing fluid #1, and (21) de-icing fluid #4, and (22) and no fluid contaminant. (Arrow indicates orientation of coupons in the grease.)

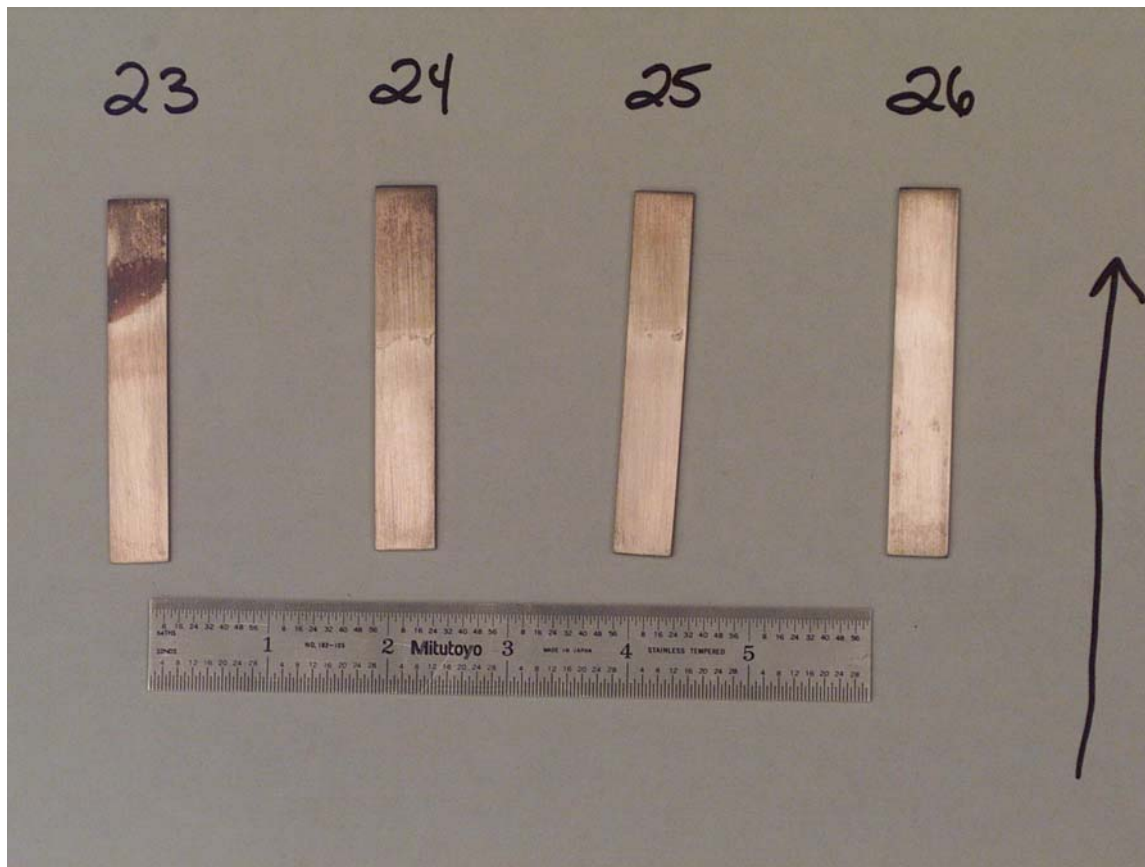


Figure A13. Side A of test coupons exposed at 150 degrees to a mixture of 50% Aeroshell 33 and 50% Mobilgrease 28 and: (23) distilled water, (24) de-icing fluid #1, and (25) de-icing fluid #4, and (26) and no fluid contaminant. (Arrow indicates orientation of coupons in the grease.)

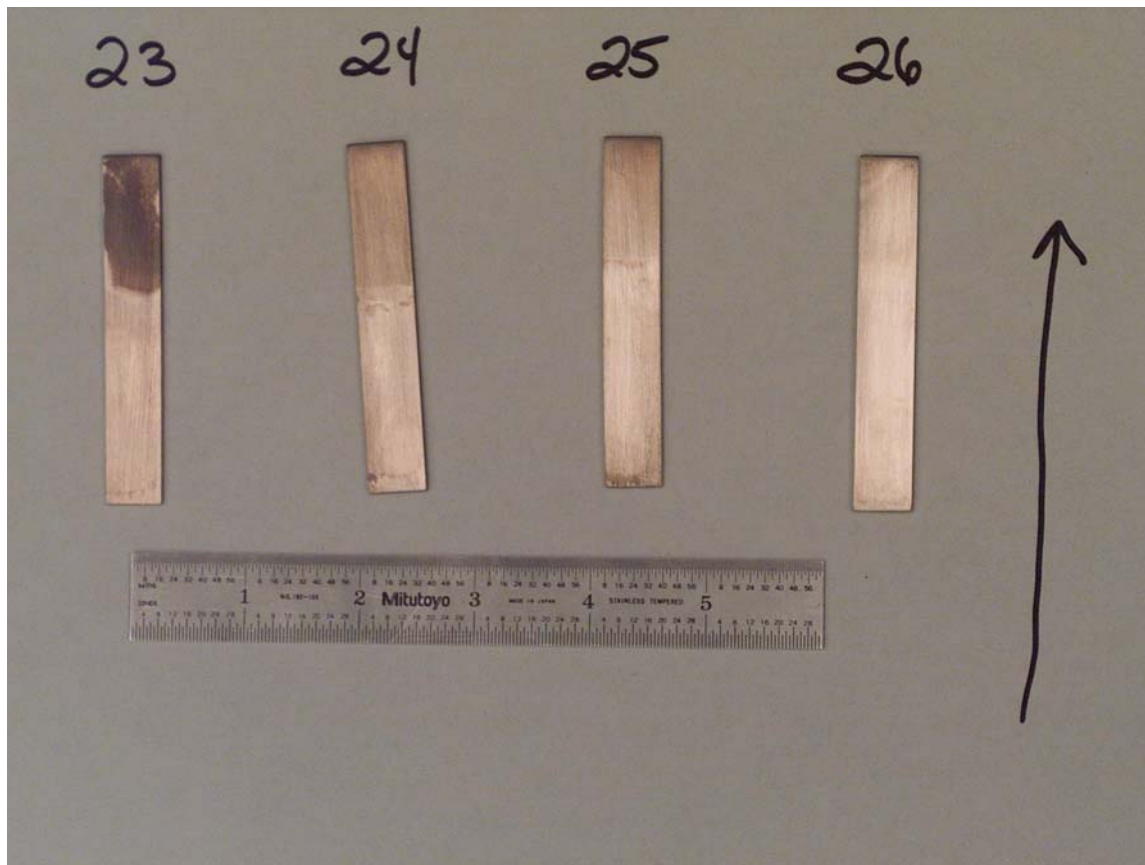


Figure A14. Side B of test coupons exposed at 150 degrees to a mixture of 50% Aeroshell 33 and 50% Mobilgrease 28 and: (23) distilled water, (24) de-icing fluid #1, and (25) de-icing fluid #4, and (26) and no fluid contaminant. (Arrow indicates orientation of coupons in the grease.)



Figure A15. Side A of test coupons exposed at 150 degrees to a mixture of 100% Mobilgrease 28 and: (27) distilled water, (28) de-icing fluid #1, and (29) de-icing fluid #4, and (30) and no fluid contaminant. (Arrow indicates orientation of coupons in the grease.)

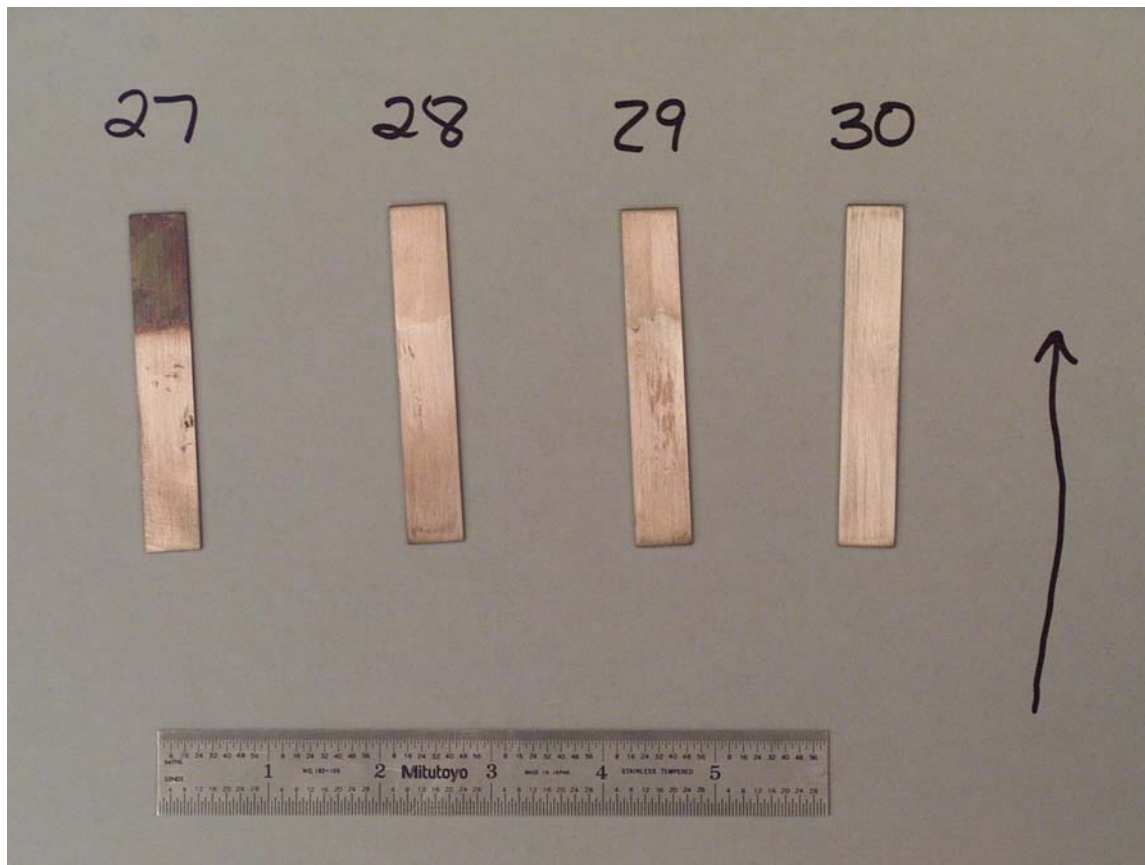


Figure A16. Side B of test coupons exposed at 150 degrees to a mixture of 100% Mobilgrease 28 and: (27) distilled water, (28) de-icing fluid #1, and (29) de-icing fluid #4, and (30) and no fluid contaminant. (Arrow indicates orientation of coupons in the grease.)