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Date: 13-Jun-2006
SMI/REF: 0603-495

Product: **SW-6LF SELECT METAL DEGREASING SOLUTION**
(received 30-Mar-2006)

Dilution: Ready to Use

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**Pratt & Whitney
PWA 36604 Revision C
Hot Corrosion**

3.2.3.2 Hot Corrosion: Test specimens shall show no evidence of hot corrosion greater than 0.0002 inches in depth when tested and examined in accordance with the procedure in Appendix A.

APPENDIX A:

1. Preparation of Test Specimens:

- 1.1 Prepare one panel of each of the following alloys for each cleaner material to be tested, plus one additional panel of each to serve as a control: AMS 4037, AMS 4375, AMS 5508, AMS 5536, AMS 5544, AMS 5608, AMS 6359. Take care not to contaminate the control panels with the cleaner being tested.
- 1.2 Panels shall be a minimum of 0.050 inch thick, with a minimum surface area of 0.5 square inches.
- 1.3 Mark one side of each panel with the material specification and cleaner identification using silver pencil or mechanical engraving to ensure identification after thermal exposure.
- 1.4 Polish the side opposite panel identification to a finish equivalent to that produced by 600 grit emery cloth.

2.0 Preparation of Test Specimens for Exposure

- 2.1 Arrange test panel(s) and control(s), polished side up, on a suitable sheet of high temperature alloy or in a container that will withstand test temperatures.

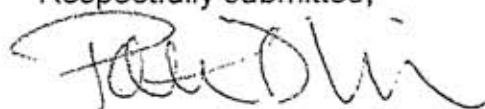
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- 2.2 Cover the surface of the test panel(s) with the cleaner to be tested. Do not allow the cleaner solution to contact the control panel(s).
- 2.3 Dry the test panels in a low temperature oven or other low heat source such as heat lamps.
- 3. Thermal Exposure:
 - 3.1 Expose coated test panel(s) for a minimum of eight (8) hours and a maximum of ten (10) hours at the temperatures shown.

ALLOY	TEMPERATURE	DEPTH OF ATTACK (inches)
AMS 5544 (Waspaloy)	1600°F ± 10°F	0.0001
AMS 5536 (Hastelloy X)	1600°F ± 10°F	0.0001
AMS 5608 (Haynes 188)	1600°F ± 10°F	0.0001
AMS 5508 (Greek Ascology)	1050°F ± 10°F	0.0001
AMS 6359 (4340 Steel)	750°F ± 10°F	0.0001
AMS 4037 (2024-T3 Aluminum)	600°F ± 25°F	0.0001
AMS 4375 (AZ31B-0 Magnesium)	600°F ± 25°F	0.0001

Result Conforms

Respectfully submitted,



Patricia D. Viani, SMI Inc.