

SMI, Inc.

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Attn: Karen Graham
ChemFree Corporation
8 Meca Way
Norcross, GA 30093

Date: 16-May-2006

SMI/REF: 0603-495

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

Dilution: Ready to Use

Page 1 of 3

Pratt & Whitney
PWA 36604 Revision C
ARP 1755B
EFFECT OF CLEANING AGENTS ON AIRCRAFT ENGINE MATERIALS
Stock Loss Test Method

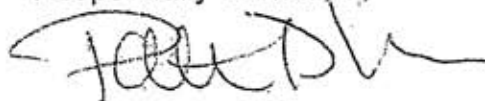
Dilution: Ready to use

Temperature: 120°F (49°C)

Immersion Time: 10 minutes

Result See attached

Respectfully submitted,



Patricia D. Viani, SMI Inc.

Client: ChemFree Corporation Date: 16-May-2006
 Product: SW-6LF SELECT METAL DEGREASING SOLUTION SMI/REF: 0603-495
 PWA 36604: ARP 1755B Page 2 of 3

This section to be completed by the VENDOR or by the LABORATORY conducting the test.

Vendors Name: ChemFree Corporation Name of Laboratory: SMI, Inc.
 Address: 8 Meca Way Address: 12219 SW 131 Ave
 Norcross, GA 30093 Miami, FL 33186
 Telephone: 770 564-5593 Telephone: (305) 971-7047

Product Name or Reference No.:	Category (Table 1)	Dilution Operating Limits	Temperature Operating Limits	Recommended Cycle Time in Minutes	Date Submitted
SW-6LF	10	Tested at a dilution of: Ready to use	Tested at a temperature of: 120°F (49°C)	Tested utilizing an immersion time of: 10 minutes	30-Mar-2006

THIS SECTION FOR ENGINE MANUFACTURERS USE ONLY:

Engine Mfr. Prelim. OK for Service Test	Name and Location of Recognized Overhaul Shop & Starting Date	Engine Mfr. Field Rep. Report No. & Date Received	Date Final OK for Service Use	Engine Mfr. Designation for This Product, if Any	AMS Number

Respectfully submitted,



Patricia D. Viani, SMI Inc.

Client: ChemFree Corporation
 Product: SW-6LF SELECT METAL DEGREASING SOLUTION
 Dilution: Ready to use
 Temperature: 120°F (49°C)
 Actual Immersion Time for Test: 10 minutes
 PWA 36604: ARP 1755B Category 10-Aqueous Cleaner

Date: 16-May-2006
 SMI/REF: 0603-495

Vendor Name: ChemFree Corporation
 Product Name: SW-6LF SELECT METAL DEGREASING SOLUTION

Alloy	Not Rec'd	Panel Serial Number	Loss in Inches	Panel Serial Number	Loss in Inches	Average Loss in inches	Average Weight Loss (per 2"x4" panel)
UNCOATED PANELS							
AMS 4037 Aluminum		1AL37	<0.000010	2AL37	<0.000010	3AL37	<0.000010
AMS 4375 Magnesium		1MG75	<0.000010	2MG75	<0.000010	3MG75	<0.000010
AMS 4442 Magnesium		(not tested due to unavailability of alloy: Rolls Royce material)					
AMS 4507 Copper		1CU07	<0.000010	2CU07	<0.000010	3CU07	<0.000010
AMS 5544 Nickel		1NI44	<0.000010	2NI44	<0.000010	3NI44	<0.000010
AMS 4640 Aluminum Bronze		1AB40	<0.000010	2AB40	<0.000010	3AB40	<0.000010
AMS 4911 Titanium		1TI11	<0.000010	2TI11	<0.000010	3TI11	<0.000010
AMS 5040 Steel		1ST40	<0.000010	2ST40	<0.000010	3ST40	<0.000010
AMS 5582 Cobalt		1CO82	<0.000010	2CO82	<0.000010	3CO82	<0.000010
AMS 5504 Corrosion Resistant Steel		1ST04	<0.000010	2ST04	<0.000010	3ST04	<0.000010
AMS 5508 Corrosion Resistant Steel		1ST08	<0.000010	2ST08	<0.000010	3ST08	<0.000010
AMS 5524 Corrosion Resistant Steel		1ST24	<0.000010	2ST24	<0.000010	3ST24	<0.000010
AMS 5525 Corrosion Resistant Steel		1ST25	<0.000010	2ST25	<0.000010	3ST25	<0.000010
AMS 5536 Nickel		1NI36	<0.000010	2NI36	<0.000010	3NI36	<0.000010
AMS 5537 Cobalt		1CO37	<0.000010	2CO37	<0.000010	3CO37	<0.000010
AMS 5596 Nickel		1NI96	<0.000010	2NI96	<0.000010	3NI96	<0.000010
AMS 5661 Nickel		1NI61	<0.000010	2NI61	<0.000010	3NI61	<0.000010
AMS 6431 Steel		1ST31	<0.000010	2ST31	<0.000010	3ST31	<0.000010
AMS 4434 (AZ92) Magnesium		1AZ92	<0.000010	2AZ92	<0.000010	3AZ92	<0.000010
Mat-M TM -002		(not tested due to unavailability of alloy: Rolls Royce material)					
IMI TM -685		(not tested due to unavailability of alloy: Rolls Royce material)					

ELECTROPLATED PANELS

AMS 4037/AMS 2470 Anodic Treatment	1EAN	<0.000010	2EAN	<0.000010	3EAN	<0.000010	<0.000010
AMS 5504/AMS 2400 Cadmium Plated	1ECD	<0.000010	2ECD	<0.000010	3ECD	<0.000010	<0.000010
AMS 5504/AMS 2406 Chromium Plating	1ECR	<0.000010	2ECR	<0.000010	3ECR	<0.000010	<0.000010
AMS 5504/AMS 2410 Silver Plating	1EAG	<0.000010	2EAG	<0.000010	3EAG	<0.000010	<0.000010
AMS 5504/AMS 2416 Ni-Cad Plating	1ENC	<0.000010	2ENC	<0.000010	3ENC	<0.000010	<0.000010
AMS 5504/AMS 2418 Copper Plating	1ECO	<0.000010	2ECO	<0.000010	3ECO	<0.000010	<0.000010
AMS 5504/AMS 2424 Nickel Plating	1ENI	<0.000010	2ENI	<0.000010	3ENI	<0.000010	<0.000010

PLASMA COATED PANELS (plasma coated on one side only)

AMS 4911/AMS 2437-3	1PT2	<0.000010	2PT2	<0.000010	3PT2	<0.000010	<0.000010
AMS 5504/AMS 2437-2	1P-2	<0.000010	2P-2	<0.000010	3P-2	<0.000010	<0.000010
AMS 5504/AMS 2437-3	1P-3	<0.000010	2P-3	<0.000010	3P-3	<0.000010	<0.000010
AMS 5504/AMS 2437-5	1P-5	<0.000010	2P-5	<0.000010	3P-5	<0.000010	<0.000010
AMS 5504/AMS 2437-6	1P-6	<0.000010	2P-6	<0.000010	3P-6	<0.000010	<0.000010
AMS 5504/AMS 2437-7	1P-7	<0.000010	2P-7	<0.000010	3P-7	<0.000010	<0.000010

The maximum allowable stock loss is 0.000025" for any alloy panel or electroplated panel.
 The maximum allowable stock loss is 0.0001" for plasma spray deposits.
 1: For informational purposes only, not currently required for ARP 1755B.

Result Conforms as above

Respectfully submitted,

 Patricia D. Viani, SMI Inc.