## RESULTS OF INDEPENDENT LABORATORY TESTING FOR TASK FORCE TIPS, INC.® SALT SPRAY EXPOSURE TESTING PER 5% ASTM B117 1000 HOURS

ALLOY	COATING	SAMPLE NO.	NOTES:
ALUMINUM 6061-T6	HB1A	R1	BAR STOCK WITH HARD ANODIZING .002"
ALUMINUM 6061-T6	HB2F	D	TUBE STOCK WITH HARD ANODIZING .002" AND RUBBER
ALUMINUM 356-T6	HN2A PC	AB	CASTING WITH HARD ANODIZING AND POWER PAINT ON AREAS
ALUMINUM 356-T6	HN2A PC	AC	CASTING WITH HARD ANODIZING AND PARTS POWER PAINTED
BRASS 83600	BARE	N1	CASTING
BRONZE 642	BARE	N2	BAR STOCK
BRONZE 955	BARE	N3	CASTING



TASK FORCE TIPS 7229 2800 EAST EVANS AVENUE VALPARAISD IN 46383 ROBERT STEINGASS

P. O. # 505193 DESCR 5/19/95 PER ASTM B117

JOB NO:

REPORT DATE: 07/07/95

LAB NO: 0522-075 / 20

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SAMPLE RI H555 Collar

.001 HC Black dye Mickel Acetate (meas .0021)

accurate

1000 HR SALT SPRAY

6061-T6 AFTER 120 HOURS OF SALT SPRAY TESTING BOTH THE GREASED AND UNGREASED RINGS EXHIBITED VERY LIGHT WHITE CORROBION PRODUCTS. AFTER 1000 HOURS OF EXPOSURE BOTH SAMPLES EXHIBITED A FEW AREAS OF LIGHT WHITE CORROSION

TEST METHODS: ASTM B 117 | Dof guased Sample nearly Ly Thin film of residue on 1D

> 1000 Hour Salt Zumay No great guase 10

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TASK FORCE TIPS 7229 2800 EAST EVANS AVENUE VALPARAISO IN 46383 ROSS MACK

P. O. #

DESCR 1000 HR SALT SPRAY PER ASTM B117

REPORT DATE: 03/31/95

LAB NO: 0214-012 / 04

JOB NO:

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H500 HANDGINE Shaper & Bumper

HB2F

PIONEET

6061-T6

SALT SPRAY TEST

AFTER 1000 HOURS OF CONTINUOUS SALT SPRAY TESTING, PERFORMED IN ACCORDANCE WITH ASTM B117, THERE WAS VISIBLE EVIDENCE OF VERY LIGHT TO LIGHT WHITE CORROSION PRODUCTS ON THE SUBMITTED SAMPLE.

TEST METHODS: ASTM B 117 ;

no pits. Products of corrosion appear on surface, but serape off & Knipe.

Inside looks much worse than outside. Some 18st stains from Stainless Parts.

No audence of corrosion at Rubber/Arum interface. Rubber is OK



GA INSPECTOR

KCEPT IN FULL, HARLES C. KAWIN CO.



TASK FORCE TIPS 7229 2800 EAST EVANS AVENUE VALPARAISO IN 46383 ROSS MACK P. O. #

DESCR 1000 HR SALT SPRAY PER ASTM B117

REPORT DATE: 03/31/95

REPORT DATE. 03/31/40

LAB ND: 0214-012 / 47

JOB NO:

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AC X330 FLBOW 356-T6 HUM

356-T6 Aum .002 Hard Coot Nickel acetate seal Standard Amer Red Powder coot

SALT SPRAY TEST

AFTER 1000 HOURS OF CONTINUOUS SALT SPRAY EXPOSURE PER ASTM B117
THERE WAS VISIBLE EVIDENCE OF LIGHT WHITE CORROSION PRODUCTS ON
THE UNPAINTED SURFACES. THIS CORROSION WAS DETECTED AFTER 27
DAYS (648 HOURS).

TEST METHODS: ASTM B 117 ;

There are a number of white spots on the expassed machined surfaces that have been Hard coated, but



or peeling back in Photo out bend

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P. O. # 505193 DESCR 5/19/95 PER ASTM B117

REPORT DATE: 07/07/95

JDB NO:

LAB NO: 0522-075 / 63

SAMPLE AB X712 XF 2 what Base HC.002 Nukel acetate Seal

HO9134/PA 9202/9 Polyester PC CAmer Red)

356 T6

2000 HR SALT SPRAY

THIS SAMPLE EXHIBITED LIGHT WHITE CORROSION PRODUCTS PRIOR TO THIS SALT SPRAY EXPOSURE. AFTER 648 HOURS OF EXPOSURE SOME MODERATE AREAS OF WHITE CORROSION WERE VISIBLE ON THE INSIDE SURFACES. A FEW AREAS OF WHITE CORROSION PRODUCTS ARE ALSO VISILBE ON THE PAINTED SURFACES.

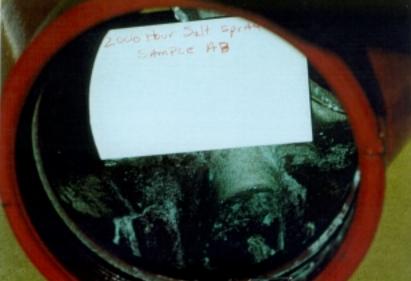
TEST METHODS:

The area that was sceatched Shows no corrasion. There is corresion at

corrosion H5BG and Shoulder of whet on O.D.

exterior suefa

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TASK FORCE TIPS 7229 2800 EAST EVANS AVENUE VALPARAISO IN 46383 ROSS MACK

P. O. #

DESCR 1000 HR SALT SPRAY PER

ASTM B117

REPORT DATE: 03/31/95

LAB ND: 0214-012 / 30

JOB NO:

83600 Bronze Sauple

Bone

X110 Casting Sanguin Armee SALT SPRAY TEST

AFTER 1000 HOURS OF CONTINUOUS SALT SPRAY EXPOSURE PER ASTM B117 THERE WAS EVIDENCE OF LIGHT TO MODERATE AMOUNTS OF GREEN CORROSION PRODUCTS ON THIS SPECIMEN. CORROSION BEGAN TO OCCUR AFTER 5 DAYS (120 HOURS).

TEST METHODS: ASTM B 117 ;

OD worse Than ID Jurface is nearly all Darkened and is about 2500 green. No pitting evident.



Lokarke Silver QA INSPECTOR

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TASK FORCE TIPS 7229 2800 EAST EVANS AVENUE VALPARAISD IN 46383 ROSS MACK

P. O. #

DESCR 1000 HR SALT SPRAY PER ASTM B117

JOB NO:

REPORT DATE: 03/31/95

LAB NO: 0214-012 / 31

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642 Brage Souple

Bone Stock Coupm

SALT SPRAY TEST

AFTER 1000 HOURS OF CONTINUOUS SALT SPRAY EXPOSURE PER ASTM B117 THERE WAS A LIGHT TO MODERATE AMOUNT OF GREEN AND WHITE CORROSION PRODUCTS ON THE SURFACES OF THIS SAMPLE. CORROSION PRODUCTS WERE DETECTED AFTER 7 DAYS (168 HOURS).

TEST METHODS: ASTM B 117 ;

Dauper was dank areas + green streaks. one can tell it is still Bronze . looks much



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DESCR 1000 HR SALT SPRAY PER ASTM B117

REPORT DATE: 03/31/95

LAB NO: 0214-012 / 32

Venturi casting

955 Brown Bare

SALT SPRAY TEST

AFTER 1000 HOURS OF CONTINUOUS SALT SPRAY EXPOSURE PER ASTM B117 THERE WAS HEAVY AMOUNTS OF GREEN CORROSION PRODUCTS PRESENT. THERE WAS ALSO A MODERATE AMOUNT OF RED CORROSION PRODUCTS. CORROSION BEGAN TO OCCUR AFTER 7 DAYS (168 HOURS)

TEST METHODS: ASTM B 117 ;

mostly guen & think Build up on Mreass. I D Threads 1600k Have agod regitting evident. Metal Itill Sound under the

1000 HOUR SALT STRAY 955 Bronge SAMPLE N3

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