CV-LWR RCVD:**04/21/03** Sample RCVD:**04/22/03** READY Date:**04/23/03** Start Date:**4/23/03** Test Date:**06/04/03** COMPLETED:**6/4/03**
T/A Days:**42** EIC TGT: 4D EIC Actual: Days KPI:**6-WK EXLT** KPI:**ONGOING** KPI Days: -- 00 Days ☒ **Status**: **COMPLETED**

CV Sales: **Larry R. Chapman** Priority Level : **#1-High** **CV Lab:** **Michael R. Carroll** Priority Level : **#1-High** **CV TSC:** Bryan W. Alcid

Sub-Classification: STP 03# 07 [03 CAN-] Priority Assigned:#1-High Assigned to: DPV + Tech: None

CV-LWR #2003 - 056

COMMERCIAL VEHICLE / COMMERCIALIZATION LABORATORY WORK REQUEST

North American / NLR / Commercial Vehicle / Commercialization Laboratory

00

++⬇⬇ CV SALES REP START HERE ⬇⬇++ **FILENAME:** #056-ECK.rtf ++χ++ Re:**TEST ALUM/CRS DISSIMILAR METAL FOR SALT USING ECK** ++

Request Date: Date Sample Sent: Shipped By: **Hand Carried** Sample Sent By: **Customer** CV Sales Rep Target Date:

01

ACCOUNT NAME: * VAN NAY LLC**	**CV SALES REP: *** Mike Carroll Richard Nay**
Street Address:**389 Sundown Road PO Box 17**	TEL: FAX: CELL:
City:**S Elgin** State:**IL** ZIP:**60177**	US PAGER: 1-800-946-4646: PIN: VM:
Account TEL:**847-931-7899** Ext: FAX:**847-931-9419**	Acct. Status: **BASF Account** National Account? **NO**
Contact Name:**Richard A Nay** E-Mail:vannay@megsinet.com	Estimated. Annual Sales: Gallon **$** K
Contact Title:CEO Others:	Regional Priority Request: 1- High

02

+++ ⬇⬇ **CV LAB USE** ⬇⬇ -Do not write below+++**CV LAB USE** ++⬇⬇+++ ➔➔ **CV SALES REP CONTINUES 4 BLOCKS BELOW** ➔➔

LAB: **WHHO** LAB Assgmt: **DPV** Est'd Bench: **01 Days** EIC/KPI TGT:**Stretch - 4** Days Test Duration: **1-week** Cycle at: **Completion**

03

WHHO CV LAB. WORK DONE:Prepared by VAN NAY LLC

Test ECK (Electrolysis Corrosion Kontrol) Heavy Duty Anti Seize Spray over aluminum and CRS dissimilar metal. Amount of ECK material in between the aluminum & steel is not known. Test for salt resistance.

Systems tested: 1000 hours of Salt resistance testing

#1) Aluminum and Steel panels placed together with ECK between
#2) Aluminum and Steel panels placed together

04

TEST RESULTS: 1000 hours of Salt resistance testing

#1) Aluminum and Steel panels placed together with ECK between	**Looked good after 1000 hours salt resistance**
#2) Aluminum and Steel panels placed together with out ECK	**Looked very poorly, lots of rust**

05

CV LAB. RECOMMENDATION/S:The set of panels using ECK material appeared to help stop corrosion between Aluminum and steel compared to control panels without ECK..

06

Return Shipment Info: ☒ **Do Not Return** Return Test Substrates Returned to: Account Contact Date Shipped: Shipped by: FedEx 2nd day
Others:

07

⬇⬇ CV SALES REP. CONTINUES HERE ⬇⬇++⬇⬇ CV SALES REP. CONTINUES HERE ⬇⬇++⬇⬇ CV SALES REP CONTINUES HERE ⬇⬇

08

PURPOSE /OBJECTIVE of REQUEST:

09

DETAILED REQUEST:

10

APPLICATION VARIABLES /REQUIREMENTS:

11

TEST PAINT SYSTEM: **BASF Products:***** *** **Competitor:** **Others:**

Problem Film: *** *** **Others:** Briefly describe real problem?:

TEST - PAINT PRODUCT/S: (Must specify mix ratios for VOC compliance):

Auxiliary: **Prep Cleaner:** **Adh. Promo:** **Flex:** **Polish/Buffing:** **Others:**
Sealer: SLR Hardener: SLR Reducer: Mix Ratio:
Primer: PMR Hardener: PMR Reducer: Mix Ratio:
Topcoat: TC Hardener: TC Reducer: Mix Ratio:
Basecoat: BC Hardener: BC Reducer: Mix Ratio:
Clearcoat: CC Hardener: CC Reducer: Mix Ratio:
UV Coating: UV Catalyst: Reducer: Mix Ratio: Others:

12

COLOR Choice for TESTING: ANY COLOR R-M#: Color Code: Color Name: ☐ **Pre-Painted**

13

TEST REQUESTED: ☒ **LAB TEST/S REQUIRED** ☐ **ALR #** ☐ **SPECS:**Standard ☐ **NO TEST REQUIRED/ DISPLAY**

☐ Analytical:***** ***** ☐ Humidity/Adhesion: ******* ☐ Gravel:******* ☐ Water Soak:******* ☐ Others:

☒ Salt Spray:**1000 h** ☐ QUV340:*** ☐ QUVSF40:*** ☐ QUV313:*** ☐ W-O-M:*** ☐ Others:
☐ Dry Adhesion:*** ☐ Hardness:*** ☐ Flexibility:*** ☐ Recoat/ Repair: *** ☐ Paint Only:*** ☐ Others:
☐ Application:*** ☐ DRY Physical:*** ☐ WET Physical: *** ☐ Impact :*** ☐ Others:
☐ PRP-**Plastic** Refinishing Procedure ☐ **TDS** ☐ **LWUP** ☒ Others:Test for dissimilar metal corrosion

14

☐ **RETURN to:** DO NOT RETURN ☐ **SHIP TEST MATLS /SHOW PANELS** ☐ **SHIP BY:***

15

SUBSTRATE/ SAMPLE SUBMITTED: ☒ SUBSTRATE/S TYPE:*** CRS & Aluminum How many? Other:
☐ DRY SAMPLE:Type? Others: ☐ WET SAMPLE: Type? ☐ Others:
☐ PLASTIC Type:Type? Others: ☒ METAL Type:Dissimilar Steel Others: ☐ Others
☐ FLEXIBLE:Type? Others: Trade Name: ☐ RIGID:Type? Others: Trade Name:

16

SYSTEMS VOC: ☐ **VOC ?** AUX: RDCR: ADH: SLR: PMR TC: BC: CC: Others:

17

DESCRIBE CURRENT SYSTEM:

18

CURRENT PAINT LINE: BASF Products: **** Others: Competitor:**** Competitor Product:

19

CURRENT SYSTEM VOC: Others: VOC Booth Type: Air Line Pressure: psi

20

SPRAY EQUIPMENT USED: Fluid Tip: mins Air Cap: psi

21

CURE REQUIREMENT: ☐ **AIR DRY:** hours ☐ **IR Bake:** mins. ☐ **BAKE:** °F / mins

22

ACCOUNT BAKE CAPACITY: ☐ **NONE** MINIMUM Capacity: °F AVERAGE Capacity: °F MAXIMUM Capacity: °F

23

RELEASE DATE :**06/04/03** Completed by: **DPV** LabBook#: WHTS- **127page122** Reviewed by: VBWA Date Today:4/15/2008 11:59 AM Goes to MR: **JUN/2003**
KPI DELAYS: days DELAYS? Explain delays: **Attachments:** ☐ALR ☐TDS ☐PRP ☐LWUP **.xls** **.ppt** **.rtf** ☒ **COMPLETED**

END