



E. I. DU PONT DE NEMOURS & COMPANY

INCORPORATED

WILMINGTON, DELAWARE 19898

CHEMICALS AND PIGMENTS DEPARTMENT

CHESTNUT RUN

September 1, 1983

P. T. HITCHENS-C&P-CHICAGO
S. W. SEVERANCE-C&P-CHICAGO
R. I. MC LAREN-C&P-CHICAGO
R. A. REPETTO-C&P-B-6237
J. S. THACKRAH-C&P-B-6237

E. F. MC BRIDE-C&P-JACKSON LAB
P. A. WRIEDE-C&P-JACKSON LAB
E. W. STEWART
J. A. LAMIET
N. J. KANE
FILE: CUSTOMER

TRIP REPORT

J. L. Kolski

STANDARD T CHEMICAL CO., INC.
Chicago Heights IL

Reported by: T. L. Kolski (83/15)

Date of Visit: 8/24/83

Personnel Interviewed:
Don Cook, Mgr. Colorants

Called With: P. T. Hitchens

Purpose of this call was to discuss early results of Chestnut Run work on Q/S W.R. CH-034-83, involving severe strength deterioration of customer's universal colorant ("Kromotint" Yellow) made with DALAMAR® Yellow YW-958-P. Customer reports that YW-958-P, Lot 2 made colorant which lost 50% of its strength on standing one month at room temperature, another 20% after three weeks in an oven test at 125°F. Previous laboratory evaluation of YW-958-P product standard SL-81958 in this same colorant produced entirely satisfactory results. A production batch of some 190 quarts of unusable colorant made with Lot 2 is being held.

Preliminary Chestnut Run data indicate that recrystallization induced by ethylene glycol may not be a major contributing factor to the strength loss.

Don Cook agreed to repeat a laboratory evaluation of SL-81958 and Lot 2 simultaneously under identical conditions. He will also include YW-911-P in this test, not because this grade might be used, but to find out if YW-958-P and YW-911-P behave differently because of different surfactant composition.

If Lot 2 and SL-81958 perform the same in this test, it will be an indication that something in the colorant vehicle has changed since the first evaluation. If both are unsatisfactory, customer will be forced to use dry toner YT-858-D, as before.

TLK/ilc

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