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MONSANTO CHEMICAL COMPANY
Monsanto, Illinois

CC: Messrs. C. Barbre - Office
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R. K. Fliteraft - North Area
Dr. R. L. Jenkins - Gen. Off., St. L.

1/3/52

Your Memo, 10/22/51

Mr. A. M. Ellenburg
Anniston

AROCLOR - INTERPLANT VISCOSITY COMPARISON

Thank you for your prompt reply to our request for the Anniston viscosity analytical method.

After a careful comparison of this with the WGK method we have been unable to disclose any difference or possible variable by which our inter-laboratory discrepancies in the 70-75 second range might be explained. At the time of our last personal contact (Kulifay's visit to Anniston 3/51) the progress of the problem was not sufficiently advanced to carry the discussion to the present stage.

We have given consideration to the comments in the second and third paragraphs of your memo of 10/22/51, regarding the reversal in deviation between Anniston and WGK in the two viscosity ranges so far investigated. We agree with you that split samples of various AROCLORS etc. should be analysed by both laboratories in order to determine the deviations throughout the entire range. To this end, and in order to resolve the cause of the discrepancies we feel that it is essential that a personal meeting between analysts of the two plants be brought about. This will permit a comparison of results by both analysts on the same viscosimeter as well as by one analyst on both viscosimeters. This should indicate if the problem is one of variation in techniques or instruments.

It would be greatly appreciated if Mr. Barker or some representative he may wish to designate could visit the WGK Laboratory at an early date to assist us in the solution of our problem.

If this proposal is agreeable to you, please advise and we will forward the split samples for viscosity determination at Anniston. We will hold the remainder of the sample here for comparative analysis at the time of the visit.

Resolution of our present difficulties will permit both plants to report viscosity data on the same basis, and present a solid front to mutual customers.

W. J. Cresham

S. M. Kulifay

ih
cc: H. V. Moss
E. E. Hardy
H. O. Tittel
R. P. Loewen
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