



CHAS. PFIZER & CO., INC.

ESTABLISHED 1849

GROTON, CONN.. 06340

AREA CODE 203-446,5811

GROTON PLANT

April 14, 1967

Mr. Stanley Shaw
800 North Lindberg Boulevard
St. Louis, Missouri 63166

On the recommendation of Mr. Randall Graham and William Martin, of the Monsanto Co., a sample of three year old Therminol FR-1 is being sent to you for testing. We have been experiencing a loss of heat transfer oil and we have not determined if the loss is chemical or mechanical. However, we suspect a ruptured tube in the oil cabler.

Past operation has been at 400-425°F, but we expect to raise the temperature to 500°F in the near future. The oil is recirculated through the jacket of our reaction vessels at a flow rate of about 100 gpm. The system is operated vented to this atmosphere and is alternately heated and cooled over 18-20 hour cycles. Bayomet type electrical heaters and a shell and tube cooler are used.

Your comments on the composition of this oil sample will be greatly appreciated.

Sincerely yours,

CHAS. PFIZER & CO., INC.

M. G. Gollaher

MGG:dap

DSW 435153

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