

March 19, 1938

Mr. F. R. Davis
Davis Emergency Equipment Company
55 Van Dam Street
New York, New York

Dear Mr. Davis:

We have your letter of March 8 addressed to Dr. Kehoe in which you request a section of the hose which we tested for Mr. Lewis. We are sending you a piece today and would be very much interested in the results of any tests which you may carry out on it. I assume that Mr. Lewis has given you the history of the hose and the results of our test with it, so I am not repeating them.

The varied situations in which these hoses are used, for example in refinery tanks which may contain solutions of caustic and the like, which will tend to remove oil-proofing substances, suggest the possibility of an investigation for some material more suitable for treating these hoses. We have been considering the possibility of coating them with Thiokol rubber or Duprene and wonder if you have carried out any investigations in that direction.

The problem is of great interest to us from the point of view of the possible absorption of small amounts of tetraethyl lead from gasoline residues into the walls of the hose and we will naturally be very much interested in testing any hose of improved resistance which you may develop.

Cordially yours,

WFM:vr

Willard F. Machle, M. D.