bcc: AG Eades
GR Buchanan
2nd Street - Don Roush
NEW YORK - H Gilbert
CHICAGO - DL Hosmer
CHICAGO - AR Hempel
ANNISTON - Owen Dolin

April 20, 1965

Mr. P. D. Henise, Production Supervisor
Lever Bros. Company
1200 Calumet Avenue
Hammond, Indiana

Dear Pete:

Dave Hosmer, our Fluid Specialist for your area, and I will be visiting with you as planned, Friday morning, April 30.

Pete, regarding the deposit sample you sent Owen Dolin, while I haven't seen it, my guess is that it is iron chlorides. We see it occasionally when there has been some fluid degradation with the subsequent release of hydrogen chloride. The gas dissolves in moisture in the expansion tank, forming an acid which attacks the steel. Iron chloride is formed. The areas where you have found the crystals are relatively cool and the hydrogen chloride/water will condense at those points. Did you examine the flange areas for signs of corrosive attack? Keeping the expansion tank hot (approximately 215° - 220°F.) may be a solution to the problem. However, before we make any recommendations let us see if Owen Dolin has any comments on the nature of the deposit sample. Also, we will have an opportunity to review the system next week to fill in the details.

I'm looking forward to visiting with you again. It has been about two years since I was in Hammond.

Best regards.

Cordially,

S. Shaw
Market Specialist
Functional Fluids

DSW 435101

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