

September 3, 1971

Mr. Ernst Maeder
Plant Manager
Gulf Coast Aluminum
Lake Charles, Louisiana

Dear Mr. Maeder:

This letter will serve to confirm our various discussions concerning replacing Therminol FR-1 with Therminol 55 in your heat transfer system. In view of recent information concerning the persistence of Therminol FR-1 in the environment, we feel it would be in your best interest, as well as ours, to convert to a heat transfer fluid which is relatively non-damaging to the environment.

Therminol 55 will meet your operating parameters with one exception. That is, it is not classified as a fire resistant heat transfer fluid. While it is more fire resistant than many commercially available heat transfer fluids, it does not exhibit the degree of fire resistance found in Therminol FR-1. Additionally, it tends to be unstable when exposed to oxygen at high temperatures. Therefore, it is necessary to blanket expansion tanks with an inert gas.

In order to facilitate this change, Monsanto will assume the bulk of the financial burden. We have agreed to: 1) take back all un-used fluid (unopened drums) at full credit 2) sell you 6,500 gallons of replacement Therminol 55 at 45¢ per gallon, F.O.B. Alvin, Texas in tank trucks 3) pay the freight and expose of at our expense the Therminol FR-1 drain from your system 4) sell you 4,500 gallons of Therminol 55 to be used for system flushing at 30¢ per gallon, F.O.B. Alvin, Texas in tank trucks 5) pay 50% of the freight of this used flushing fluid from your plant to our disposal point in St. Louis 6) dispose of the used flushing fluid at our expense.

We would expect to utilize tank car or tank truck shipments in returning the used Therminol FR-1 and the Therminol 55, which has been used for flushing the system, to St. Louis for ultimate disposal.

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I believe this covers the points which we have discussed. If you have any questions on any of this, please feel free to contact me.

Sincerely,

D. W. Stegen
Sales Representative

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