bcc: Randall Graham - N.Y.
R. Davis/Dale Smith

August 3, 1966

Mr. Ralph Laumer
Assistant Chief Design Engineer
American Can Company
Neenah, Wisconsin 54957

Dear Mr. Laumer:

There has been some delay in your letter of July 5 to our New York office requesting toxicity information on our fire resistant hydraulic fluid. We have recently learned that the particular fluid of interest, among our various Pydrauls, is Pydraul 150.

There is attached a summary of toxicity and safe handling information for this fluid.

You asked specifically for assurance that our fluid was no more toxic than the one you are presently using. I am not sure whether you are now using a petroleum based fluid, a water in oil emulsion or other type.

Regardless of what you are now using, we believe that Pydraul 150 would be no more hazardous to personnel than your present fluid. As you undoubtedly know, the question of degree of toxicity is a relative term and it is impossible to make a comparison without having actual animal toxicity data on the fluid you are now using. We can say that the use of Pydraul 150 as recommended should not create any toxicity problems for you.

I don't know the basis for the apprehension about phosphate esters unless someone is relating the historical problems with triorthocresyl phosphate with low orthotricresyl phosphate or other phosphate ester fluids. We know of no difficulties which have arisen because of use of low ortho content tricresyl phosphate or other phosphate esters.

If I can be of any further assistance, please do not hesitate to let me know.

Very truly yours,

Elmer P. Wheeler
Manager, Environmental Health
Medical Department

EPW:mjb

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