March 11, 1960

Mr. William H. Crawford
Liberty Mutual Insurance Company
2208 Washington
St. Louis, Missouri

Dear Bill:

When you last visited us, we discussed briefly the services of your industrial hygiene personnel in helping us with some of our problems. We have one now which I hope you can take care of for us.

We manufacture and sell a synthetic hydraulic fluid which is used as a non-flammable or fire-resistant lubricant in air compressors. The primary market is in large capacity industrial air compressors where possible fires could mean severe losses in terms of equipment and shutdown time. The product, designated as Pydraul AC, is used, however, in other air compressors where the air is subsequently used in air supplied respirators during sand blasting or other industrial operations.

At ambient temperatures, the fluid has such a low vapor pressure that we feel there is no significant inhalation hazard. This is only an opinion, however, and we would be in a better position from the standpoint of product liability (as well as Workmen's Compensation since some of our own plants are involved in this use) if we had sample data and analyses to show the concentration of vapors in the compressed air stream.

Our Queeny Plant here in St. Louis has a compressor using Pydraul AC and it should be fairly simple to collect some samples for analysis. Would you inquire whether or not your industrial hygienists could take some samples for us for analysis by your laboratories, or if it would be possible for us to collect the samples and forward them directly to your laboratory.

MONS 091030

We will, of course, provide necessary composition data and suggested analytical methods.

Sincerely,

Elmer P. Wheeler
Assistant Director
Medical Department

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