cc: Elmer Wheeler - A-2-S
J. J. Peeks - Cincinnati
G. W. McKinney - Cincinnati
R. Davis - B-2-S

August 9, 1961

Mr. Carl D. Bohl
Industrial Hygienist
Western Division
American Mutual Liability Insurance
Lexington, Kentucky

Dear Mr. Bohl:

Thank you for your August 4 letter requesting information on fire resistant hydraulic fluids. Monsanto developed Skydrol for use in aircraft hydraulic systems in 1948 and in 1950 marketed the PYDRAUL fluids for industrial applications. We are pleased to have this opportunity to send you information on these fluids.

As a mutual insurance company you will be glad to know that PYDRAUL F-9, PYDRAUL A-200 and PYDRAUL 625 have been tested and are listed by the Factory Mutual Laboratories as meeting their standards for a fire resistant hydraulic fluid. In the early days of these fluids, the term non-flammable was widely used. However since under certain conditions most things can be made to burn. The term fire resistant has become the standard way to refer to such fluids.

It is most difficult to find materials which are completely nontoxic either in their normal condition are under periods of decomposition. However, the PYDRAUL fluids have been used by many phases of the metalworking industry during the last ten years and have been found safe under normal operating conditions and under conditions of decomposition have not produced permanent injuries to personnel. If you would like additional information on the subject of toxicity on the PYDRAUL fluids we would suggest you write Elmer Wheeler at the St. Louis address. Mr. Wheeler is Monsanto's Assistant Medical Director and well known in industrial hygiene work and various organizations.

We are pleased to enclose technical data on the various PYDRAUL fluids and if we can be of further service to you please let us know.

Very truly yours,

D. F. Smith, Technical Service
Industrial Fluids Sales

/mjk
Enclosure

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