JAN

AMERICAN OIL COMPANY

GENERAL OFFICE 910 SOUTH MICHIGAN AVENUE CHICAGO 80, ILLINOIS

EMPLOYEE AND PUBLIC RELATIONS DEPARTMENT

W. S. PEELER
General Manager
R. O. TRAYLOR
Director,
Employee Relations
P. F. MILLER
Director,
Organization Planning
J. M. PATTERSON
Director
Public Relations

January 3, 1961

Mr. Elmer Wheeler
Monsanto Chemical Company
800 N. Lindbergh Blvd.
St. Louis 66, Missouri

Dear Elmer:

Thanks very much for your prompt reply to my inquiry concerning your product, Pydraul AC. We have not had any evidence that these particular type lubricants present a problem, but felt that we should look into the matter in some detail. One of our problems probably will occur at such times as reciprocating-type compressors become overheated. We would probably then be confronted with increased vaporization and decomposition products.

I note in your letter that you identify this as a phosphate ester type product. However, in reviewing the results of acute animal exposures I see no reference to any cholinesterase inhibition studies. I would assume that this could be one of the effects both from inhalation and skin absorption. If I am wrong in my assumption, then I would appreciate being corrected.

Best regards.

Sincerely,

Paul D. Halley
Director of Industrial Hygiene

PDH:rmb

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