

May 2, 1967

Mr. John Oliver
Manitoba Rolling Mills
Box 2500
Selkirk, Manitoba
CANADA

Dear Mr. Oliver:

This supplements our telephone conversation on the Pydraul hydraulic fluids.

I am not sure whether you are interested in Pydraul 312 or Pydraul 150, so let me give you our toxicological information on both. This is, as I understand, for your transmittal to the Compensation Board of the Province of Manitoba.

I am unable to give you the exact formulation of Pydraul 312. It contains aromatic chlorinated hydrocarbon, a petroleum-type oil, and an alkyl phosphate ester. This latter is not TCC. — TCP We believe that the decomposition products at elevated temperatures would be chlorine or hydrochloric acid mist, CO, and CO_2. As such they would be irritating to the lung if prolonged or repeated exposure would occur.

Pydraul 150 is a somewhat similar compound with, however, a larger proportion of the alkyl phosphate ester and a lower percentage of the chlorinated hydrocarbon. We think the response of respiratory contact to the decomposition products of this Pydraul would be the same as Pydraul 312.

If you have any further questions, please let me know.

Sincerely,

R. Emmet Kelly, M. D.
Medical Director

REK/ln

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