

St. Louis - General Offices

J. P. Ekberg-LA
J. Elwood-LA

April 2, 1958

S. Littsinger

General Offices

NORTH AMERICAN AVIATION
Inglewood, California

PYDRAUL 625

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As you know, we have a potential for 20,000 gallons of Pydraul sales to North American Aviation at the Inglewood plant. 10,000 gallons is for the 7,000 ton Honeycomb press and 10,000 gallons for miscellaneous other presses. We have been in hot competition with Cellulube 550 up and down the line. Jim Stansbury has followed the product and generally favors Pydraul on all counts. One problem remaining is toxicity.

Since you will be on the West Coast for the Douglas Meeting later this month and I will not, I appreciate your offer to call at North American, and Paul Ekberg and John Elwood are looking forward to making the call with you. There are a few items I would like to discuss with you before you leave, and I suggest we schedule a visit with the Medical Department to line up the best approach to be taken.

We have not yet received the copy of John Elwood's call report of March 18, but one is being forwarded to St. Louis immediately. In that report, Elwood quotes Stansbury's supposition of a case which we must consider; that is, Pydraul 625 spraying from a 1" hydraulic line at 1,000 psi and striking the 2000° F. metal surface. This large press is in an enclosed dust free room, air conditioned and temperature controlled. The room measures 12' high x 20' x 30'. The question is: What toxicological difficulties can we expect from decomposition vapors under such circumstances? The conditions are rigorous; and, thus, we must contact the Medical Department.

Another problem which we should discuss is approval by MPN, Vickers, and Oilgeer for the use of Pydraul 625 on the basis of corrosion and viscosity. I know that Oilgeer is hesitant with a fluid as viscous as Pydraul 625; and, so to prepare our story, we must know the fluid temperatures at cold startup, normal operation, and high temperature. I would appreciate your getting this information during your visit at North American.

Richard Davis

RD:vlw

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P. S.

Stensbury will not veto Hydraul 625 on the toxicity angle himself. However, their Safety and Medical Departments will enter the picture about August 1, when final plans are submitted to them. Elwood feels it is too early to contact their safety and medical people now, but we must align our approach now.

R. D.

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