

cc: NTJ/KD/SS
R. P. Sullivan - WILMINGTON
J. Pullman - NEW YORK

April 16, 1958

Mr. Tony Arcadipane
Joe-Lowe Company
110 Route 4
Englewood, New Jersey

Dear Mr. Arcadipane:

The following Therminol FR-2 sample results for the William Freihofer Baking Company of Allentown, Pennsylvania, were reported to you by phone March 15, 1958. This letter serves as written confirmation of the previously reported results.

<u>Test</u>	<u>Freihofer Sample</u>	<u>New Therminol FR-2 Specifications</u>
Viscosity @ 100°F., centistokes	54.7	52 Maximum
Acid Number, mg KOH/g	0.27	Less than 0.01
Moisture, ppm	60	Less than 50

The fluid appears satisfactory for continued use although a slight increase in viscosity is observed.

Acid number has increased considerably over that of new fluid and can present a mild corrosive condition in the vapor spaces of the system. Acid number can sometimes be effectively reduced by venting a slip stream of fluid from the discharge side of the pump or heater to the expansion tank where the acidic vapors can be allowed to escape to the outside atmosphere.

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Visual examination of the sample reveals that it was relatively clean.

If we can be of any further assistance, please feel free to contact our Fluids Representative serving your area who is Mr. Jay Fullman at 277 Park Avenue, New York City 10017.

Very truly yours,

Donald E. Roush
Engineering Specialist
Functional Fluids

DER:lh

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