AG Eades
GR Buchanan
2nd Street - Don Roush
DETROIT - JG Hicks
CHICAGO - DL Hosmer

March 11, 1965

Mr. J. B. Padberg, Materials Co-ordinator
Frito-Lay, Inc.
Mid-Central Division
5545 Grandy Avenue
Detroit, Michigan 48211

Dear Mr. Padberg:

Here is the analysis result of your recently submitted sample of THERMINOL FR-2 (formerly Aroclor 1248):

PROPERTY	SAMPLE
Acid Number	0.4 mgKOH/gm
Moisture	42 ppm
Viscosity @ 100°F.	57.5 centipoises

Reviewing your previous analysis dated September, 1964, I noted a viscosity reading of 62 centipoises at 100°F. Have you added make-up since that sampling or is there the possibility of some contamination with some other fluid or oil? Typically, new THERMINOL FR-2 runs approximately 66 centipoises at 100°F.

The acidity is slightly high which would reveal that some thermal degradation of the fluid is taking place. However, the viscosity does not confirm that this has been a continuous overheating. Consequently, we can assume the elevated acidity was only sporadic and sampling was co-incidental at that time.

DSW 343235

STLCOPCB4083957

If it is deemed that no contamination was in evidence, the fluid is in satisfactory condition to continue in service.

Sincerely,

S. Shaw
Market Specialist
Functional Fluids

jf

DSW 343236

STLCOPCB4083958