J. C. Wygant - Research Center

January 21, 1971

ELECTRICAL MEASUREMENTS,
CABLE OILS

cc: J. G. Bryant - JBRYA
W. R. Richard - WRICH
D. E. Roush - DROUS
Q. E. Thompson - QTHOM

R. H. Munch - S. 2nd St.

I am submitting several more samples for measurement of dielectric constant, resistivity, dissipation factor, and dielectric strength.

Two of the samples are the light and heavy H230 alkylate high-boiler, as taken directly from the process stream, without Porocel treatment. Moisture content of the H230L has been determined as 30 ppm. These samples are labeled as:

OR 177232, H230L from process stream

OR 177261, H230H from process stream

The other four samples were prepared to demonstrate compatibility of the heavy alkylate with polybutene (the samples submitted previously were blends of the light alkylate). They are labeled as:

OR 177264-A, MCS 1071 (H230H, Porocel treated)

OR 177264-B, 90:10 MCS 1071:Commonwealth Polybutene

OR 177264-C, 50:50 MCS 1071:Commonwealth Polybutene

OR 177264-D, 10:90 MCS 1071:Commonwealth Polybutene

Thank you.

J. C. Wygant

/ls

DSW 201745

STLCOPCB4059812