Additionally quite small amounts of Sun #6 Oil are used to impregnate some DC energy storage capacitors.

Mobil Oil Co.

Mobil supplies most of the low viscosity cable oils which are priced in the 50¢ to 70¢/gallon range.

a) Mobilect A

This 100 sec. viscosity oil is used at a level of about 168,000 gallons (4,000 barrels) per year to insulate and cool the lead sheath type cables. These are low pressure 15 psi and low voltage type cables. The market for this type cable oil which is documented as ASTM D1818 is relatively small. This is where our Texas City type alkylate would appear to fit.

General Electric Co. Type 5314A Material

This is the same Mobilect A purchased by G.E. at Lynchburgh, Va. and in quite small amounts at Hudson Falls for certain DC capacitors.

Mobil told G.E. that they will provide only 2 years stock (this amounts to relatively little storage for an oil company) and may discontinue supply on 2 years notice.

The problem here (again) is that these are acid refined oils with questionable future due to environmental contaminants generated during manufacture.

This is why G.E.'s capacitor people continue to ask whether we have a replacement for mineral oil in a limited use market.

The foregoing gives a much better idea than previous writings I have seen about the cable oil market. This now appears simple, clear and easy to understand. Thought you would like to have this picture, as given me directly by the people who serve this cable oil market.

Paul Benignus

/pep

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