

DATE : March 14, 1969

CC:

SUBJECT : THIOKOL/CERECLOR

REFERENCE : Your memo March 3, 69

TO : C Paton
St. Louis

Thank you for the excellent information.

I think I mentioned we will visit Thiokol/Germany as soon as Dr. Soyka is back from the US.

We will certainly do some more digging in Denmark, but the chap involved seems to be rather secretive.

Now you have got me going ! As I mentioned earlier, we are going to submit samples to Thiokol, but we are also going to evaluate some plasticizers in the lab. Here are my questions and requests :

- X 1. For evaluating and comparing plasticizers on volatility, tensile strength, elongation, modulus, compatibility, etc. do you consider Thiokol LP-32 a universally accepted polymer. (YES)
- 2. Thiokol recommends a 3 roll paint mill or a ball-mill for preparing the polymer compound and the lead dioxide paste. Would a 2 roll mill be OK ? What other alternatives do you suggest ?
- 3. Please send me your lab procedure for preparing these Thiokol compounds.
- X 4. Please send me your lab procedures on compatibility, elongation, modulus, tensile strength, and volatility.

If you think of anything else which could be useful to us for evaluating Thiokol plasticizers in the Ghent lab, please forward.

VJH:mv

VJ Héroufosse

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