

SINCLAIR REFINING COMPANY

Reel 42
Bag 3439-23
Bag 426

1723

IT 69

S-65

Ruhrbenzin A.G.
Oberhausen-Holten
October 20, 1939

Re: Cobalt Regeneration

1.) When I learned that Dr. Klem expected the activity of a catalyst to be impaired because of its being made only from regenerated cobalt, I set out to ascertain the pertinent facts. In view of the actual situation, we may say that there is no reason at all for worrying about this matter.

2.) It is a fact that the catalyst factory has already prepared whole drums of catalyst many times, exclusively from regenerated cobalt; and we want to stress especially that this cobalt had been used not only two times but several times. Furthermore, these regenerated catalysts have of course been prepared only by our new simplified method. In no case, a decrease in activity caused by this method of procedure was observed, neither in the laboratory nor in commercial production.

3.) Quite some time ago, we procured 50 ltr of regenerated cobalt solution containing repeatedly spent cobalt and no fresh cobalt. An exact chemical analysis gave no indication of foreign substances being present, except the usual well known contaminations.

4.) Recently, we started studies about the regenerated solutions prepared in the catalyst factory. These studies are not yet terminated but, up to this date, they showed no injurious property of these solutions.

Possibly, the situation is somewhat different at the Brabag, because there a different feed stock is employed. However, it is more probable that our simplified regeneration process is perfectly all right, but that it has not yet been correctly understood or applied by the Brabag people.

ME:op

A. Beth