

Section 341

REFER TO FILE NO.

QC/NTME (341)

NAVY DEPARTMENT

BUREAU OF SHIPS

WASHINGTON 25, D. C.



14 December 1945

Subj: Microfilm of German Technical Documents - Introductory Statement for.

1. During the course of its field trips to examine German synthetic oil plants and to interrogate German technical personnel, the members of the Oil Team of the U.S. Naval Technical Mission in Europe obtained a number of technical documents for examination. Some of these documents were directly related to certain subjects in which immediate reports were desired and were incorporated in Technical Reports as microfilm appendices. Other documents, while probably of equal technical value were, due to limitations of time and translation facilities, saved for more detail study and examination. These latter documents have been indexed and microfilmed by the Bureau of Ships to preserve the technical information therein for future use and to make possible the dissemination necessary to give each activity an opportunity to study the particular topics of interest to it.

2. The documents in this series cover a variety of subjects. They are not arranged in any particular sequence, but have been separated arbitrarily into sections of a convenient size. An index to each section has been prepared and appears at the beginning of the appropriate section. In addition, the indexes of all sections have been photographed at the beginning of the first reel.

3. The contents of this film are not to be taken as a complete record of the information on any subject obtained by the U.S. Naval Technical Mission in Europe. Rather, reference should be made to the complete set of films which have been prepared by the Bureau of Ships if it is desired to review all the data available.

4. The Bureau of Ships, Research and Standards Branch, would appreciate receiving, for its technical files, a copy of any translations made of these data.

A handwritten signature in dark ink, appearing to read 'T. A. Solberg'. The signature is written in a cursive, slightly slanted style.

T. A. Solberg  
By-direction of  
Chief of Bureau

05133-05639

NOTE BOOK

05133

A note book entitled - "Brabag" - Communications issued by Braunkohle-Benzin A.G. from the files of Dr. Hausmann. The notebook contains 243 pages and is divided into 16 sections, which deals mainly with Petroleum (natural and synthetic) and related processes.

The communications are short abstracts of the literature and patents on the interests as shown in the 16 sections and cover the years 1939-1944. Some references to German journals are included which are not generally available in the U.S. during the war years.

A copy of the above - substituting - Dr. Vollmer - for Dr. Hausmann.

2 copies of notebook

2 ✗ Vollmer

1 ✗ Dr. Hausmann

05835-06270

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NOTE BOOK

1. A notebook containing form sheets and standards for nuts, bolts, screws and flanges, etc. issued by Braunkohle-Genzin A.G. Dated 1940.

2. "Hydrogenation Installation". Data and Reports on Hydrogenation Plants at low temperature. Reports also concern themselves equipment such as heat exchangers, preheaters and gaskets. Drawings are included. These reports concern the Leuna works and are dated from 1936 through 1939.

3. "Exchange of Experiences" Conferences contained in a notebook from the file of Dr. Praune dated from 1941 through 1944.

This book contains "Exchange of Experience" Conferences among the Ruhrchemie people and subsidiaries.

30(a) Report on Conference in Essen Jan. 12, 1944

21 pages - Various problems concerning the Fischer-Tropsch Synthesis.

30(b) Report on Explanation of Explosion in the Blast Main of the Water gas plant. Report dated Nov. 29, 1943. 2 pages.

30(c) Report on the Conference on the Synthesis work at Essen, Jan. 8, 1943. The report has pages 12 through 49 missing out of a total of 78 pages.

3ad

Report on the Cobalt Situation in Essen. May 4, 1943.  
6 pages.

3ae

Report on addition to the report date 3/26/1943 in  
Bergkamen. Report of Dr. B. Loppmann on the Improvements  
in Synthesis Plants methods and to increase Production  
and catalyst life. 9 pages.

3af

Report on Exchange of Experience on the Synthesis Work.  
"The lengthening of the catalyst life by the method of the  
Essen-Coal Chemical Works." 17 pages.

3ag

Report of Exchange of Experience Conference at Essen  
4/17/42. 13 pages.

3ah

Report on a Conference of the Synthesis works at Essen -  
Oct. 3, 1941. A 78 page report divided into 7 sections.

- 1- New methods in purification;
- 2- Influence of higher sulfur content on the synthesis;
- 3-  $H_2S$  production in Synthesis gas from the sulfur in the  
cooling water.
- 4-5. The development of middle pressure synthesis of  
Olefins.
- 6-  $CO$  and  $H_2$  balance as an aid in synthesis control.
- 7- Developmental work on the subject of Iron Catalyst.

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Report on the Conference held 7/31/41 in Essen concerning experiences with calcined Kieselguhr Catalyst and supply of purification material (7 pages).

307

Report on the catalyst carrier of the Ruhr works Mar. 24, 1941 at Essen. (6 pages)