

# PART 13

① "The shape of contact chambers in catalytic Exothermic and endothermic reactions" By Dr. Wirth. April, 1942. Leuna (14 pages).

A report on the most efficient design of catalytic chambers (Fischer-Tropsch Synthesis) from the view point of heat transfer.

② "The calculation and evaluation of chambers for catalytic exothermic and endothermic reactions which occur within a narrow temperature range" By Dr. Wirth July 4, 1942. Leuna (20 pages) (2 copies).

The report concerns an evaluation of different methods of heat transfer arrangements. Besides a mathematical discussion, photographs of the different arrangements are included.

③ Investigation:- "The stability of various working material against carbon-monoxide corrosion" - Wyszomirski and van Rossum - July 30, 1943 Ammoniakwerk, Merseburg (8 pages).

A report on investigation of substitutes for manganese-copper alloy used in methanol synthesis equipment. Tables and graphs illustrate corrosion effect. The materials tested are listed only by Code number.

④ "Report concerning the session of the work society for Knock measurement," Technical testing place at Oppau, No. 161, July 15, 1941, deals chiefly with octane measurement and knock measurements thirty-nine pages with charts.

(11) Brochure giving history and development of the Leuna Werke in non technical language. Mostly descriptive in nature. 18 pages.

(12) Preliminary cost report for Schwarzmeide for May, 1944. dated 10 July, 1944. Gives production figures for Gasolines, oils, etc. - Dr. Kollmar. 5 pages.

(13) Preliminary cost report for Schwarzmeide for April, 1944. Give production figures for Gasolines, oils, etc. Dr. Kollmar. 8 pages, 1 graph.

(14) Preliminary cost report for Schwarzmeide for December 1943, Gives production figure for Gasolines, oils, etc. Dr. Kollmar. 6 pages, 1 graph.

(15) Report on production of Böhlen Magdeburg, Zeitz, Schwarzheide, Werke, from Jan - March 1943. 26 June, 1943.

Production of gasolines, gases and oils, with master cost data.

(16) Production reports on Schwarzheide, Böhlen, Magdeburg, Zeitz, from Oct. - Dec. 1943, and Jan - Dec. 1943.

Production of gasoline, gases, and oils, etc. with master cost and data.

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Production report on Schwarzherde Böhlen, Magdeburg Zeitz. July - September, 1943.

Production and cost data on Gasoline Gases, and Oils, etc.

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Construction and yield of Böhlen Werk gives cost, figures and production of gasolines, oils, etc. 28 June, 1941. 25 pages, including tables and graphs. Dr. Kollmar.