

R E S T R I C T E D

Technical Oil Mission
Index - Reel 41 con't.

Page 11

BAG TARGET

INDEX - MICROFILM - REEL - 42
(Orig. Ident. Reel 10B)

3439 30/5.01 - Ruhrchemie A.G. - Sterkrade-Holtten

10. Oxo Process (Miscellaneous)
11. Iron Catalyst Process (Miscellaneous)
12. Possible New Feinreinigung Processes
13. Oxo Process - Negotiations with I.G.
14. Two schemes (diagrammatic) for synthesis process utilization
15. Determination of C_{11} and SO_4 =
16. Analysis of Products - Sundry Methods
17. Analysis of Catalysts - Sundry Methods
18. Analysis of "Oxo" products (Methods & Data)
19. Determination of n-paraffin content of liquids (SbCl5 method)
20. I.G. Synthesis Process (with recirculation)
21. I. H. F. patent rights on Synthesis Process (1938)
22. Expts. (1944) 657 to 808 (not complete on Iron Catalysts)
23. Co catalyst process (miscellaneous)
24. Kieselguhr Supplies
25. Thorium Recovery
26. Feinreinigung
27. Research Suggestions. Synthesis. General
28. Research Suggestions. Oxo Process
29. Research Suggestions. Paraffin Oxidation
30. Research Suggestions. Catalyst
31. Research Suggestions. Kieselguhr
32. Research Suggestions. Diesel Oil
33. Research Suggestions. Methane Synthesis
34. Dehydrogenation
35. Methanol Synthesis
36. Water-Gas Conversion
37. Liquid Phase Synthesis
38. Isomerization
39. Cracking Paraffin Wax
40. Synthesis Gas Purification
41. Oxidation of High Molecular Weight Alc
42. Drying Oils
43. Organo-metallic compounds
44. Loss of Cobalt
45. Higher Alcohols
46. Dehydration
47. Chlorinated Paraffin
48. Dehydrogenation
49. Oxo-thick-oil as an addition to Die
50. Separation of Constituents of Coke Oven

R E S T R I C T E D

R E S T R I C T E D

Technical Oil Mission
Index - Reel 42 con't.

Page 12

BAG TARGET

51. Calculation of Progress of Synthesis from Gas Analyses
52. Iron Catalyst Synthesis
53. Iron Catalysts for Methane Synthesis
54. Production of Acetylene, Ruhrchemie Process
55. Quarterly Reports 1.4.43 - 30.6.44
56. Preparation of Aromatization Catalyst Semi-technical Scale
57. Aromatization Catalyst Plant
58. Patent References
59. Methanization of Town's Gas
60. Iron Catalyst Synthesis
61. The Fischer-Synthesis -- General
62. Continuous Dechlorination
63. The Preparation of Nickel Catalyst
64. Drawings for a Town's Gas Research Plant
65. The Oxo Plant
66. The Lurgi Project for coupling the methanization of Treibgas and the production of liquid products
67. The Paranol Plant
68. Costs. Lubricating Oil Production
69. Costs. Paraffin Wax
70. Costs. The Synthesis Process
71. Costs. Synthesis Gas Preparation
72. Details of Oxo Plant
73. Ethylene Oxide Plant
74. Purifying benzine with zinc chloride
75. Production Data 1942 - 1944
76. Polymerization of Cracked Spirit
77. Preparation of Methane Catalyst
78. Decomposition of Carbon Monoxide on the Organic Sulphur Catalyst
79. Data for a 100,000 cub. m./day Plant
80. Catalytic Cracking
81. Division of Lubricating Oil Synthesis into two stages
82. Division of Lubricating Oil Synthesis into seven stages
83. Effect of the Iron Content of the $AlCl_3$ used on lubricating oil synthesis
84. Octane number of Benzine containing water
85. Labor Required for Catalyst factory for Aromatization
86. Nitration
87. Details of the Normal Pressure Synthesis as carried on by the Licensees

R E S T R I C T E D