Technical Oil Mission Index - Reel 44 contid. TARGET BAG

Page 16

### INDEX - MICROFILM - REEL 45 (Orig. Ident. Reel 13B)

#### 30/5.01 - Ruhrchemie A.G. - Sterkrade-Holten 3441

- Soaps from the fatty acids washed out of Primary Products
- Process for Producing Fatty Acids from Alkali-washings 74.
- 75. Sensitivity of Various Petrols to Lead
- 76. Use of Tar Oils in Gas Turbines for Aircraft
- 77. Fropyl Aldehyde Program of Work
- 78. Oxo Synthesis
- 79. Production of Alcohol
- 80. Iso-Synthesis
- 81. Iron Catalyst for Olefine Production
- 82. Fatty Acids from Waste Alkali Liquors
- 83. Cooling and Condensation Plant
- 84. Large Scale Researches 1935
- 85. Effect of the Length of the Catalyst Bed
- 86. Revivification with Hydrogen
- Progress of the Reaction down the Catalyst Bed
- 87. Total Life of a Catalyst 88. Progress of the Reaction 89. Residual Gas Composition Residual Gas Composition when the Synthesis Gas Contains much Carbon Dioxide

# RESTRACTED

ET	•	
	90.	Formation of Propylene
	91.	Avoiding Wax Formation
	92.	Effect of Adding Naphthalene to the Synthesis Gas
	93.	
	94.	The effect of Adding Ammonia
	95.	The Mechanism of the Synthesis
	96.	Synthesis at Low Temperatures
	97.	Results in Ovens 23 and 59
	98.	Synthesis from Deuterium and Carbon Monoxide
	99.	Effect of putting an active Carbon Scrubber
		between the Two Stages
	100.	Olefines in Product from MgO/ThO2 Catalyst
	101.	Theoretical Yields
	102.	Catalysts of Varying Composition
	103.	Mater Soluble Synthesis Products
	104.	The Synthesis Position - 1938-1939
	105.	Separation of Carbon on the Catalyst
	106.	Incorporation of Aromatics
	107.	Iron Catalyst Experiments
	108.	Comparison of Iron and Cobalt Catalyst Synthesis
	109.	Comparison of decirculation and Direct Synthesis
	110.	Mater Gas Conversion
	111.	Methanization
	112.	Increasing the Amount of Paraffin Wax
	113.	Concentrated Cobalt Catalysts
	114.	Iron Contact Synthesis. Schwarzheide
	115.	Comments on a Metallgesellschaft Patent
	116.	Influence of the Reaction Products on the Synthesis
	117.	Calculation of the Amount of Assidual Gas
	118.	Low Temperature Tar from Synthesis Gas Generation
	119.	Additions of Esters, Acids and Soaps to Lubricating Oils
	120.	Alkyl Benzolo
		Transformer Oil
	122.	
	123.	Nitration of Diesel and Lubricating Oils
	124.	Conference on the Synthesis, 3. X. 1941
		Octane Number Measurements on Synthetic Petrols
	126.	Determination of Activity of Catalysts
	127.	Calculations from desidual Gas Analyses for
	-00	Medium Pressure Synthesis
	128.	Alcohols from Medium Pressure Synthesis
		List of Sections of Auhrchemic
		Monthly Summaries of Data for all the German Plants
		1978 <u>194</u> 0

131. Proparation of Mechanically Strong Cobalt Catalysts 132. Polymerization of Diesel Oil Fractions

1938 - 1940

## RESTRACTED

#### Technical Oil Mission Index - Reel 45 contid. BAG TARGET

Page 18

3446 30/5.01 - Ruhrchemie A.G. - Sterkrade-Holten

- Lub. Oil Synthesis Research Reports
- Water Gas Recirculation Product Analysis
- 3. Investigation of Black Wax
- 4. Wax from Medium Pressure Synthesis
- 5. Research Programmes for M.P. Synthesis
- 6. M.P. Synthesis Miscellaneous
- 7. Wax from Fe Catalyst Synthesis
- 8. Recirculation over Co Catalyst miscellaneous
- 9. Fe catalyst synthesis miscellaneous
- 10. Fo catalyst research collaboration with Lurgi
  11. Fe catalyst synthesis miscellaneous
- 12. Test Comparison of Two Ovens
- 13. Wax from Fe catalyst synthesis
- 14. Lub. Oils Motor Tests
- 15. Octane and Cetane No. tests on products
- 16. Refining product of olefine synthesis (a minute)
- 17. Olefine Synthesis (Water Gas)
- 18. New Ruhrbenzin Project for Water Gas Synthesis (1941)
- 19. Product Distribution and Octane Nos. Wanne Eickel
- 20. Nitration of Toluene
  21. Dehydrogenation of Hydrocarbons
- 22. Aromatization Patent Claims
- 23. Aromatization Reports