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(Original Designation FIAT Reel K-26)
PB L70217

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- 3980-4014 Meeting reports of the Wirtschaftsgruppe Kraftstoffindustrie (Economic group of the fuel industry). Meetings of July 19, 1938 and Nov. 14, 1938. (Discussed, July 19, 1938: 1. Ethanol admixture to fuels; 2. Octane number 74; 3. Production of Diesel and fuel oils; 4. Diesel oil qualities of CZ 50-60; 5. Propane-butane deposits; 6. Anti-knock research and abrasion investigation. Discussed, Nov. 14, 1938: 1. Working up of brown coal low-temperature carbonization tar - Deutsche Erdöl A.G. method; 2. Fuel oil from low-temperature carbonization tar; 3. Composition of fuels.
- 4015-4044 Experiments with the addition of methanol to combustion motor fuel. Report by Dr. W. Rixman and Dr. W. Zarnack. Deutsche Kraftfahrtforschung Zwischenbericht Nr. 14. (Fifteen pages of curves and two photos incl.) (Work was done at the Versuchsanstalt für Verbrennungsmaschinen an der Technische Hochschule, Berlin.)
- 4045-4050 Report of the Wirtschaftsgruppe Kraftstoffindustrie on the production of fuel oil by low-temperature carbonization of coal. Report signed by Hagemann. Dated March 14, 1938.
- 4051-4059 Exchange of experiments between gasoline producers and the motor car industry, Jan. 6, 1938, Merseburg. Problems discussed included: 1. Questions on corrosion; 2. Steam bubble formation by motors and fuels; 3. Admixture of tetraethyl lead.
- 4060-4080 Capacity of light fuels for being stored. Deutsche Kraftfahrtforschung Zwischenbericht Nr. 9. (Four pages of curves and bibliog. incl.) Work was done at the Institut für Braunkohlen und Mineralölforschung an der Technischen Hochschule, Berlin. (Report is reproduced also on T.O.M. Reel 247, third quarter of reel.)
- 4081-4130 Meeting report of the Committee for Low-Temperature Carbonization of Coal of the Wirtschaftsgruppe Kraftstoffindustrie., Nov. 11, 1937.
- 4131-4132 Production of Diesel fuels for aviation. Nov. 18, 1939. (One table included.)
- 4133-4135 Synthesis of fatty acids for the production of edible fats. Confidential conference report written by Hagemann, dated Oct. 27, 1939, Ruhrchemie A.G., Holten.
- 4136-4137 Improvement of lubricants. Report written by Hagemann, dated Oct. 9, 1939

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- 4138 Cracking of products of primary synthesis in a vacuum at high temperatures. Report written by Hagemann, dated May 8, 1939, Ruhrchemie A.G., Hölten.
- 4139-4140A Determination of the relationship between air consumption and the construction of the circulating and exhaust systems in the two stroke motor. Deutsche Kraftfahrtforschung Vorbericht Nr. 50. (Work was done at the Lehrstuhl für Verbrennungskraftmaschinen und Thermodynamik, Technische Hochschule, Gras, and supervised by Dr. Hans List.) (List of references incl.) 1940.
- 4141-4156 Influence of fuel additions and their combustion products on the metals used in motor construction. By Dr. Gerhard Schikorr and Kurt Alex, 1940. Deutsche Kraftfahrtforschung Zwischenbericht Nr. 78. (Diagrams incl. in text.) (Report is reproduced also on T.O.M. Reel 247, third quarter of reel.)
- 4157-4398 Reports on the activity of Ruhrchemie A.G. (Incomplete.) 1937-1942. By Martin and Hagemann. (Many of these monthly reports have the first two pages missing but are otherwise complete. The main subjects discussed are the following: Production and improvement of lubricating oils, production of anti-knock gasolines and alcohol, aromatization, synthesis under pressure, synthesis with iron catalysts, catalytic cracking, polymerization, isomerization, production of ethylene, treatment of gasoline with bleaching clay, OXO synthesis, synthesis of aldehydes and olefins, methanizing production of catalysts, oxidation of paraffin, and production of aviation gasoline from Rumanian oil fields.)
- 4399-4453 Monthly reports of the activity of the Main Laboratory of the Ruhrchemie A.G., 1942-1943. By Tramm. (The reports deal mainly with the following: Aromatizing catalysts, experiments with bleaching-clay, dehydrogenation, production of catalysts, catalytic cracking, synthesis of lubricating oils and sulfonation.)
- 4454-4510 Monthly reports of the Research Laboratory of Ruhrchemie A.G., 1942-1944. By Roelen. (Reports deal mainly with the following: Desulfurizing and methanizing of coke-oven gas, production of fatty acids, OXO synthesis, catalytic synthesis, synthesis of ketones from fatty acids, production of catalysts, production of drying oils, production of propyl aldehyde, production of smoke agents, synthesis of methanol, production of soap, theory of gas refining, medium-pressure synthesis and kieselguhr examination.)
- 4511-4538 Monthly reports of the Operating Laboratory I of Ruhrchemie A.G., 1942-1943. (Reports deal with control tests of production and refining of gases, synthesis and production of gas oil, and figures on the output and turnover in the synthesis under elevated and normal pressure.)

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- 4539-4544 Reports of Laboratory V of Ruhrchemie A.G., 1945/1946. (Chief report deals with the following: Synthesis of olefins with cobalt catalysts, cracking of mineral oil gatsch, oxidation of various olefins, desulfurizing of cracked Diesel oil, production of bases for ointments.)
- 4544A-4652 Monthly reports of Operating Laboratories KW V and II V of Ruhrchemie A.G., 1942-1944. (Reports contain information on current tests on fuels, investigations of synthetic products, oxidation of paraffin, production of lubricating oil from soft paraffin, production of phlegmatizing agents, and sulfonation experiments for the production of boring oils.)
- 4653-4707 Monthly reports of the Motor Testing Laboratory of Ruhrchemie A.G., 1942-1945. By Schaub. (Tests with various fuels and lubricants are reported.)
- 4708-4754 Monthly reports of the pressure-synthesis pilot plant of Ruhrchemie A.G., 1942-1944. By Heyer and Dahm. (Reports deal with the following: Synthesis of olefins under medium and normal pressure, testing of various catalysts--especially iron catalysts, testing of new furnace constructions, and results of olefin synthesis with catalysts the cobalt density of which had been reduced by 30%.)
- 4755-4764 Monthly and weekly reports of Ruhrchemie A.G., 1946. By Rottig. (Reconstruction works and catalyst tests carried through by the individual laboratories of Ruhrchemie are reported.)
- 4765-4775 Monthly reports of the testing laboratory of Ruhrchemie A.G., 1944. By Rottig. (Reports deal with the following: Aromatization, dehydrogenation, production of nitroparaffins, catalytic cracking, production of mononitrotoluene, polymerization.) (Reports are completed on T.O.M. Reel 294, Frames 4776-4791.)