

REPORT NO.

INDEX - MICROFILM - REEL - 107
(Orig. Ident. AD1(K) 48C - C67 - Part II.)

I 92	367	Report on the test of light fuels 1938. (Compare the years collection of individual test reports)	25.1.39
I 93	369	Reports on oil film breaking tests on vehicle engine low temperature starting	1.2.39
I 94	370	Report on the test of combustion process in the Hesselman-engine by means of I.G. Pienzo-Quartz cathode ray indicator	2.2.39
I 95	371	Report on the testing of an ante-chamber additive for Diesel fuels of low cetane number	5.2.39
I 96	373	Report on the conductivity of multi-layer tubes	20.2.39
I 97	375	Investigation on the cause of the scatter of the indicator-diagram on an otto-engine	23.2.39
I 98	376	Report on tests with RCH - Diesel oil	31.3.39
I 99	377	Report on the influence on the flow resistance of fluids of higher viscosities	17.3.39
I 100	378	Investigation of three fuel mixtures	28.3.39
I 101	379	Report on investigation of three THH - Diesel fuels	31.3.39
I 102	381	Comparative tests on I.G. test Diesels	15.5.39
I 103	382	Tests with aviation oils in the BMW - motor test series VIIa	1.6.39

REPORT NO.

I 104	383	The testing of Olefine-rich gasolines, in particular on their aromatic content	7.6.39
I 105	384	Measurement of the Heat of polymerization of gasol	22.5.39
I 106	385	The meaning of Cetane number. (Combustion process in Cetane number testing)	3.6.39
I 107	386	The influence of quantity of injected fuel, coolant temperature, R.P.M., and condition of induced air on the combustion process in the diesel engine	5.6.39
I 108	387	Comparative tests on Knock testing engines. (V.V.65)	12.5.39
I 109	387	Apparatus for testing lubricating properties of oil.	12.5.39
I 110	391	Measurement of heat conductivity coefficient of two insulation wraps. Tubes No. 10r and No. 508b	26.6.39
I 111	392	Running tests on a 6 cylinder Hesselmann motor	6.7.39
I 112	393	Test of a synthetic gasoline by Dr. Michael	20.7.39
I 113	395	Knock properties of light fuels of low octane number in the Hesselmann motor. (Hesselmann motor has unique ignition and compression stroke injection)	16.8.39
I 113a	395	Evaluation of the knock resistance of Otto fuels (Automobile and aero) by the ignition delay method.	25.1.41
I 114	397	The "Time-seeker" as an auxiliary for the I.G. test Diesel	7.9.39
I 116	399	Tests with leums-gasoline as Diesel fuel	21.9.39
I 117	402	Tests with the Dumanois graduated piston	7.2.27
I 118	161	Tests with the "Gractzin" double carburetor and "Cataler" carburetor on the Hanomag tractor	11.3.29
I 119	564	Ignition delay and knock properties of fuels (Rough draft with notes and correspondence)	25.2.44
I 121	451	Tests on BMW 132 N (Incomplete)	25.4.41
I 122	460	Necessary and Optimum R - material amount by "Ring" process of the Juno Cylinder 211	1.5.41
I 123	493	Tests using the "Ring" method with various compression ratios	13.2.42
I 124	309	Comparison of the ring sticking behaviour with three aviation fuels	4.8.41
I 125	310	Ring sticking runs with a gasoline-benzine aviation fuel mixture	4.8.41

REPORT NO.

- I 126 328 Short report on the viscosity of some types of gasoline at low temperatures 7.8.42
- I 127 504 The use of the I.G. test engine for lubricant tests 1.6.42
- I 134
1. Graph (two copies) Specific heat of aromatic amines
 2. Test of aviation fuel MAI for knocking properties in single cylinder engine SCI (C = 7. 2.)
 3. Knock test on BMW 801 E with fuel B 4
 4. Casing temperatures (2 copies) graph
 5. Standard atmosphere. Data sheets. Din 5450. 3 sheets
 6. Angular momentum - Balance pressure box. (Drawing)
 7. Knock boundary curves - supercharge method. Two graphs
 8. Fuel test in "Vollmotor". (Refer summarized report No. 388)
 9. Heat release etc., of fuels 85 GTC₂ and 15 GT R2
 10. Graphs (2) Effect of iron carbides on various hydrocarbons
 11. Gasoline with aniline additive. (Effect on Octane value)
 12. Diesel fuel with additive for reducing stalling speed
- I 135
1. Report on the inaugural meeting of the research circle, on measuring instruments
 2. Ditto. On test arrangements
- I 136 Select committee for the standardization of automotive testing of Diesel fuels of the DVM. (German society for testing materials)
- I 137
1. Knocking properties of leaded and unleaded hydro-carbons mixtures in the BMW supercharge engine
 2. Lead sensitivity (of hydrocarbons) under supercharge conditions. (9 graphs)
- Knock boundary curves by the supercharge method. (9 graphs)