

Reel Bag No. Target no.

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72	75	On the strength of anti-friction materials on Metal and Rubber	Schikorr & Alex
73	52	The State of Knowledge on Mixture Formation for I.C. and Diesel Engines (T.H.Dresden)	Zinner
74	96/1941	Research on the Use of Power Gas in the Pure Diesel Process (T.H.Dresden)	Dreyhaupt
75	94/1941	Basic Studies on Mixture Formation and Combustion with Gasoline Injection (T.H.Dresden)	Bianchi
76	538	Knock Processes in Multi-cylinder Engines (T.H.Munster)	Schmidt & Rogel
77	99/1941	Tests with a Carburettor Engine with Side Ignition (T.H.Stuttgart)	Ernst & Derr
78	74	Tests on the Engine Behaviour of Synthetic I.C. Fuels (T.H.Stuttgart)	Komm
79	54	Engine Method of Testing Diesel Fuels (T.H.Stuttgart)	Ernst & Gross
80	86	The Position of 2-Stroke Research	Various) 6.6.40.
81	91	Mixture Formation and Combustion (Bielefeld)	" 1.10.40.

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(C) DEUTSCHE KRAFTFAHRFORSCHUNG (Contd.)

<u>CIOS</u> <u>No.</u>	<u>REPT</u> <u>No.</u>	<u>TITLE</u>	<u>AUTHOR(S)</u>	<u>DATE</u>
82	103/1941	2. Meeting of the Working Group for 2-stroke questions.	(Various)	20.5.41.
83	111/1942	2. Meeting of the Working Group for Question of Engine Combustion	(")	10.10.41.
84	Vol. 3	Power and Economy of Gas Operated Automobile	Rixmann	1938
85	Vol. 4	New Oil Lubrication of a Connecting Rod Bearing. Investigation of a Automotive Diesel Engine. Investigation of the Exhausting of the Combustion Chamber of High Speed Diesel and I.C. Engines.	Huber & Eiberger Rickart & Ernst.	1938
86	Vol. 5	Contribution to the Exploration of the Combustion Process in High Speed Diesel Engines.	Kneule	1938
87	Vol. 29	Cylinder and Piston Ring Wear	Beck	1939
88	Vol. 31	Measurement of Knock Resistance in I.C. Engines.	Schutz	1939
89	Vol. 33	Investigation of Knock Clatter of I.C. Engines with an Electro-Acoustic Measuring Apparatus.	Schmidt & Gemarlich	1939
90	Vol. 34	Mechanical Losses of the High Speed Diesel Engine and their Determination with the Towing Test (Schleppversuch)	Ullman	1939
91	Vol. 52	Comparative Investigation of Bearing Shell Materials	Heidebroek & Doring	1941
92	Vol. 53	Injection of Fuels in the Diesel Engine Ignition Delay Measurement by means of Photo Cells in various Crank Regions	Blume Stallechner	1941
93	Vol. 54	Detection of Lubricating Film Break-down by Measuring the Electrical Resistance between Piston Ring and Cylinder.	Poppinga	1941
94	Vol. 55	Fuel and Engine in the Starting of Automotive Diesel Engines	Rixmann Schaub & Conrad	1941
95	Vol. 57	Fuel Preparation by the Injection Nozzle.	Oschatz	1941

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96	Vol. 59	The Lubricant in the Spur Gear with Special Regard for Limit Friction	Pietsch	1941
97	Vol. 60	The operation with Liquid Gas of Diesel's Fleeted 2 stroke Engines	Schmidt	1941
98	Vol. 61	The Scavenging Process on the Basis of a new Conception of Expansion Streaming	Schultz-Grunow & Wieghardt	1941
99	Vol. 63	Factors influencing the 4 Stroke Diesel Engine - The Scavenging Process	Riedel	1941
100	Vol. 63	Ignition Delay and the Evaluation of Fuels Ignition Delay Measurement of Diesel and I.C. Engine Fuels	Widmaier	
101	Vol. 76	Influence of Air Swirl on the Formation of Fuel Spray in the Swirl Chamber.	Sauberlich	

(D) REPORTS FROM THE ERPROBUNGSSTELLE, RECHLIN.

102	2363	Method for Cetane Number Determination of Diesel Fuels	Lange	18.11.41.
103	2337	Behaviour of Aviation Fuels at High Altitude.	Ginssmann	18.4.42
104	2485	Sludge Formation in Aero Engine Oils	Baier et al.	20.7.42
105	2525	Circulation of Lubricating Oil in an Engine with Low Temperature Resistant Aero Engine Oil.	& Baier	12.2.43.
106	2363	Determination of Cetane Number of Diesel Fuels (with the Inertia Indicator according to Dr. Monmann)	Starke	1.4.44

(E) REPORTS BY THE PHYSIKALISCH-TECHNISCHEN

107	-	Development and testing of a Low Temperature Viscosimeter	Willenberg	1944.
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(F) DVL REPORT

108	-	Proposals for (Clarification of) Technology.	Phillipovich	13.5.42
109	-	Discussion on Aviation Fuel Problems	-	17.6.41.

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<u>(G) REPORTS FROM TECHNISCHE HOCHSCHULEN</u>				
110	-	Evaluation of Fuels in relation to Vapour Lock Troubles (Dresden)	Hager & v. Eberan	30.3.44.
111	-	Mixture Formation in Otto Engines at Starting Fuel Vapour Penetration and Starting Process at Low Temperatures (Dresden)	Werminghoff v. Schieszl & Hanske	1.12.43
112	-	Tests to Determine the Pressure Stability of Lubricating Oils (Doctor Thesis, Berlin)	de Jong	-
113	-	Investigation of the Lubricating Ability of Oils (Munich)	Kadmer	May 1944
114	-	Gear Tests at 150°C. Oil Sump Temperature (Stuttgart)	Wellinger	5.8.44
115	392	Investigations on the Development of Self Ignition Operation in a mixture Compressing Engine (Stuttgart)	Ernst & Derr	29.3.41
116	-	Tests on the Heat Stability of Gear Lubricants in respect of the new Uncompounded Gear Oils	Wellinger	9.5.44
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