

TOM REEL 248

LIST OF TRANSLATIONS
PREPARED

| <u>Document Number</u> | <u>Cios Reference Number</u> | <u>Title</u> |
|------------------------|----------------------------------|--|
| F.D. 2866/46 It. 1 | 1893/A.1. | Use of the Ring Process in the BMW 132 N. |
| " " " It. 2 | 1893/A.2. | Wear experiments on injection nozzles and compression piston with fuel R-300 and gas oil |
| " " " It. 5 | 1893/A.5. | Testing the lubricating capacity of oils in three different apparatus. |
| " " " It. 7 | 1893/A.9. | Influence of temperature when operating aero-engines by the Ring Process |
| " " " It. 8 | 1893/A.10 | Revised Test Method for the Investigation of Aviation Fuels (Oppau Method) |
| " " " It. 9 | 1893/A.11 | Investigation into the stability of aero-engine lubricants at low temperatures |
| " " " It. 11 | 1893/A.13 | Testing the polyglycol ethers of multivalent alcohols as Lubricants |
| " " " It. 12 | 1893/A.14 | Minimum and optimum fuel quantity for the Ring Process on the Jumo Cylinder 211A. |
| " " " It. 17 | 1893/A.21 | Comparative Tests with Aero-Engine Lubricants Mixtures A.F. |
| " " " It. 18 | 1893/A.22 | Testing of the lubricating quality of R 200 and R 300 |
| " " " It. 19 | 1893/A.23 | Note on testing the knock behaviour of fuels in a small test engine. |
| " " " It. 27 | 1893/A.32 | Investigation of Lubricants in the I.G. -Kulteschrank. |
| " " " It. 31 | 1893/A.35 | Tests with the Ring Process at Different Compression Ratios |
| " " " It. 32 | 1893/A.36 | Technical tests on lubricating oils. |
| " " " It. 35 | 1893/A.38 | The Ring Process |
| " " " It. 36 | 1893/A.39 | Peak Pressures in the Ring Process |

| <u>Document Number,</u> | <u>Cios Reference Number</u> | <u>Title</u> |
|-------------------------|----------------------------------|---|
| F.D. 2866/46 It. 37 ✓ | 1893/A.40. | On an electrical instrument for the accoustical or optical determination of the incidence of knock |
| F.D. 2866/46 It. 38. ✓ | 1893/A. 41 | The Use of the I.C. Test Engine for Lubricant Testing |
| F.D. 2866/46 It. 29. ✓ | 1893/A.43. | Experiences with Ring Sticking Tests on Lubricants |
| F.D. 2866/46 It. 44. ✓ | 1893/A.50. | Apparatus for measuring the lubricating properties with limiting friction |
| F.D. 2866/46 It. 45. ✓ | 1893/A.51. | The behaviour of starting fuels in Diesel Engines when injected into the induction pipe |
| F.D. 2866/46 It. 49. ✓ | 1893/A.53. | Testing lubricants by measuring wear. |
| F.D. 2866/46 It. 62 ✓ | 1893/A.70. | Lubricant Testing in Small-scale Apparatus. |
| F.D. 2866/46 It. 66 ✓ | 1893/A.74 | Use of Precombustion chamber in the Ring Process. |
| F.D. 2866/46 It. 67. ✓ | 1893/A.75. | An Apparatus used to Determine Metallic Abrasion during Lubrication. |
| F.D. 2866/46 It. 73. ✓ | 1893/A.82. | Testing of Lubricants by Measurement of Wear. |
| F.D. 2866/46 It. 82. ✓ | 1893/A.91 | The Falex Oil Testing Apparatus a comparison with the "Four Ball" and Almen-Wieland machine. |
| F.D. 2866/46 It. 84 ✓ | 1893/A.93 | Nitro-paraffins as fuels. |
| F.D. 2866/46 It. 86 ✓ | 1893/A.95 | Testing of Eleven Aviation Oils |
| F.D. 2866/46 It. 88 ✓ | 1893/A.97 | Investigation of the Pumpability of Oils. |
| F.D. 2866/46 It. 90 ✓ | 1893/A.99 | Wear and Friction Tests |
| F.D. 2866/46 It. 92 ✓ | 1893/A. 104 | Octane Number Determination by the Oppen Method |
| F.D. 2867/46 It. 12 ✓ | 1893/B.24 | Influence of sulphur compounds on the anti-knock value and the residue formation of leaded fuel |
| F.D. 2867/46 It. 27 ✓ | 1893/B44 | Small super-charged engines developed on the principle of the DVL super-charge process in the BMW 132 N-single cylinder |

| <u>Document Number</u> | <u>Cics Reference Number</u> | <u>Title</u> |
|------------------------|------------------------------|--|
| F.D. 2857/46 It. 53 ✓ | 1893/B.70. | Effect of the Cetane Number of Diesel Fuels on the Starting Behaviour |
| " " " It. 71 ✓ | 1893/B.88 | Investigations on the anti-corrosion substance H ^o 1/136 Na |
| " " " It. 72 ✓ | 1893/B.89 | Oppanol as an additive for winter motor oils |
| " " " It. 77 ✓ | 1893/B.95 | Test of an anti-corrosion substance for fuel tanks. |
| " " " It. 83 ✓ | 1893/B.102 | Super-Charge Testing of Aviation Fuels under full size Engine Conditions |
| " " " It. 95 ✓ | 1893/B.119 | Short Report No. 412 on Gasoline-Water-Emulsions. |
| F.D. 2868/46 It. 82 ✓ | 1893/C.85 | The influence of Decreasing Setting Point on Diesel Oils. |
| F.D. 2869/46 It. 6 ✓ | 1893/D.2 pt. | On the Adsorption of Dissolved Dipolar Molecules on Solid Metals |
| " " " It. 15 ✓ | 1893/E.5. | Tests on a four-ball oil test machine. |
| " " " It. 16 ✓ | 1893/E.6. | Measurement of Coefficient of Friction by Means of the PTR Instrument |
| " " " It. 29 ✓ | 1893/F.12 | The Estimation of Lubricating Ability by Means of Engine Tests |
| " " " It. 31 ✓ | 1893/F.14 | Detection and Determination of Products of Ageing of Lead Tetra-Ethyl in Fuels |
| " " " It. 36 ✓ | 1893 /F.18 | The Influence of Working Conditions on Piston Temperature. |

| <u>Document Number</u> | <u>Cios Reference Number</u> | <u>Title</u> |
|------------------------|------------------------------|---|
| F.D. 2869/It. 73 46 | 1893/H.11. | The Examination of Two Oils with Synthetic Fatty Additives for Suitability for use in Aero Engines |
| " " " 74 | 1893/H.21. | The Testing of Lubricants in the BMW 132 Single Cylinder Engine |
| F.D. 2870/It. 8 46 | 1893/I.18 | Experiments with two samples of Diesel fuel, Nos 181 and 182 from Dr. Montfort, High Pressure Research, Ludwigshafen. |
| " " " 85 | 1893/I.90 | Investigation of suitability of IGENIL as a bearing material |
| " " " 96 | 1893/I.103 | Experiments with Aero-Engine Oils in the BMW Engine |
| F.D. 2871/46 It. 23 | 1893/I.136 | Minutes of the Meeting of the Special Committee on the Standardisation of Engine Tests on Diesel Fuels of the DVM 14 and 15 April 1942. |
| " " " It. 43 | 1893/N.15 pt | Thermo-electric Method for comparative tests of lubricants in a state of boundary lubrication |
| " " " It. 62 | 1893/N.15 pt | New facts on Lubrication |
| " " " It. 63 | 1893/N.15 pt | Sliding Tests on metals in boundary Lubricants |
| " " " It. 69 | 1893/Q.9. | I.G. Patent Specifications 10.7.43 Lubrication of internal combustion Engines |
| " " " It. 71 | 1893/Q.11 | Contribution on non-hydrodynamic lubrication |
| " " " It. 90 | 1893/Q.35 | Test with R-fuels |

| <u>Document Number</u> | <u>Cios Reference Number</u> | <u>Title</u> |
|-------------------------|------------------------------|--|
| F.D. 2872/It. 3 46 ✓ | 1893/U.5 pt. | Single Cylinder tests with internal cooling |
| " " It. 5 ✓ | 1893/U.5 pt. | Basic problems in the use of O ₂ Carriers |
| " " It. 6 ✓ | 1893/U.5 pt. | Experimental results with GML in aero-engines |
| " " It. 7 ✓ | 1893/U.5 pt. | The Ring Process |
| " " It. 8 ✓ | 1893/U.5 pt. | The Ring Process in the BMW 323 |
| " " It. 9 ✓ | 1893/U.5. pts | Problems of the Ring Process |
| " " It. 10 ✓ | 1893/U.5. pt. | Operating engines on safety fuels |
| " " It. 11 ✓ | 1893/U.5 pt. | Tests with safety fuels |
| " " It. 12 ✓ | 1893/U.5. pt. | Behaviour of safety fuels in firing tests |
| " " It. 14 ✓ | 1893/U.7. | Work carried out at Oppau on I.G. Research Engine |
| " " It. 17 ✓ | 1893/U.10. | Correlation of fuel research and supply problems |
| " " It. 20 ✓ | 1893/U.13 | The gasoline diesel engine |
| " " It. 40 ✓ | 1893/X.9 | Aviation Work at Oppau |
| " " It. 48 ✓ | 1893/Z.5 | Report on Conference on Lube. Oil testing in the BMW 132 N. Single cylinder motor |
| " " It. 49.. ✓ | 5396/S.A.1. | Effect of peroxide in engines and its determination |
| " " It. 50 ✓ | 5396/S.A.2. | Effect of aldehyde in engines and its quantitative determination |
| " " It. 52 ✓ | 5396/A.A.4. | FKFS Process for determining bromine in fuels |
| " " It. 66 ✓ | 5396/B.C.4. | Investigations into the development of the spontaneous ignition operation of mixture compression engines |
| " " It. 73 ✓ | 5396/S.C.13 | Additives to improve oil |
| " " It. 75 ✓ | 5396/S.D.2 | Instrument for the measurement of Ignition delay (Patterson 1943) |

| <u>Document Number</u> | <u>Cics Reference Number</u> | <u>Title</u> |
|------------------------|--|---|
| F.D. 2872/46 It. 88. ✓ | 3996 / S.F.3 | New Method of evaluating power of oils and greases |
| " " " It. 89. ✓ | 3996 / S.F.4 | Method for determining technical value of lubricants |
| " " " It. 94. ✓ | 3996 / S.F.9. | Ignition accelerators for diesel fuels |
| " " " It. 99. ✓ | 3996 / S.G.2. | Tests on a Carburettor Engine with Self-ignition. |
| F.D. 2873/46 It. 7 ✓ | 3996 / SH4. Vol. 11 pps. 141-148 ✓ | Investigation of Lab. Methods for the Determination of the lead content of fuels (pt. only) |
| " " " " | " pps. 149-155 ✓ | Determination of "I-T" and its ageing products in aero-engine fuels. |
| " " " " | " pps. 156-161 ✓ | Testing lubricating oils by friction and wear tests on engines. |
| " " " " | pps. 162-169 ✓ | Supervision of piston temperature during endurance testing |
| " " " " | pps. 170-178 ✓ | Laboratory Method for Testing the Ageing of Lubricating Oils |
| " " " " | pps. 179-187 ✓ | The Quantitative Determination of the Composition of Liquids (Mixtures of several components), based on their Selective Absorption in the Infra-red Spectral Region |
| " " " It. 8 ✓ | 3996 / S.H.5. pps. 2-10 ✓ | Recent experiments on self-ignition of fuels under adiabatic compression. |
| " " " " | pps. 11-18 ✓ | The application to engine conditions of laboratory experiments on self-ignition of fuels. |
| " " " " | pps. 18-27 ✓ | Discussion. |
| " " " " | pps. 28-55 ✓ | Pre-reactions in gasoline engines without ignition. |

| <u>Document Number</u> | <u>CIOS Reference Number</u> | <u>Title</u> |
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| F.D. 2873/46 It. 81 | 3996/S.H.5. pps. 56 - 71 ✓ | Investigations on the reaction kinetics of the Oxidation of n-and i-paraffins. |
| F.D. " " " | pps. 72- 77 ✓ | Discussion |
| " " " " | pps. 77 - 89 ✓ | New Tests for the determination of individual factors effecting engine knocking |
| " " " " | pps. 89- 91 ✓ | Discussion |
| " " " " | pps. 91 - 109 ✓ | Adiabatic change of state in dissociating gases and the method of sound dispersion for the study of very rapid, homogeneous gas reactions |
| " " " " | pps. 109 - 112 ✓ | Discussion |
| " " " " | pps. 113 - 127 ✓ | The physico-chemical problem of the engine ignition of gas mixtures. Self-ignition and knocking |
| " " " " | pps. 127 - 141 ✓ | Measurement of the ignition velocity of flowing gas-air mixtures |
| F.D. 2873/46 It. 13 ✓ | 5996/S.J.4. | Discussion FKFS Report Letters Nos. 953/1, 2 and 3 22.5.41. - EXPERIMENTS WITH GML |
| " " " It. 18 ✓ | 3996/ S.J.9 | The Preparation of Phosphorus compounds and their use in Lubricants |
| " " " It. 24 ✓ | 3996/S.K.6. | Research work on the production of valuable lubricants from crude oil from home sources, carried out on behalf of the Ministry of Transport |
| " " " It. 62 ✓ | 3996/1 | Technical Specification for Fuel F2. |
| " " " It. 63 ✓ | 3996/1a | Specification for Aviation Fuels B4 and C3. |

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|------------------------|----------------------------------|---|
| F.D. 2373/46 It. 64 ✓ | 3996/2 | Provisional specification for jet fuel J2 and running in fuel Einlauf J2 |
| F.D. 2373/46 It. 65 ✓ | 3996/2a | Specification for Aero Diesel Fuel Y1 |
| F.D. 2373/46 It. 66 ✓ | 3996/3 | Specification for aviation fuel A3 |
| " " " 67 ✓ | 3996/4 | Freezing Properties of A.3 and B.4 |
| " " " 68 ✓ | 3996/5,1 | Carburettor Fuels |
| " " " 69 ✓ | 3996-6 | Specification for carburettor and diesel fuels for delivery to the services (Summer 1944) |
| " " " 70 ✓ | 3996-7 | Tech. delivery specifications for Aviation Fuels A3 and B4 and their constituents |
| " " " 73 ✓ | 3996-10 | Tech. Instruction 7/44 |
| " " " 74 ✓ | 3996-11 | " " 6/44 |
| " " " 75 ✓ | 3996-12 | Tech. Specifications for Aviation Oils S3, its components, and V2 |
| " " " 76 | 3996-13 | Tech. Delivery Specifications for starting fuels for use in Otto Engines |
| " " " 77 ✓ | 3996-14 | Tech. Delivery Specifications for Aero-Engine Fuels for Active Service Use |
| " " " 78 ✓ | 3996-15 | Provisional Tech. Delivery Specifications for Army Gear and Engine Oil |
| F.D. 2374/46 It. 6 ✓ | 3996/41 | Copy of Ad. Specification German Navy Lubricating Oils |
| F.D. " " " 10 ✓ | 3996/30/301 No.45 | Process for the Manufacture of a Burner Fuel from Acid Tar. |

T.O.M. 24/9 - END OF T.O.M. 24/8

Document Number

F.D. 2874/46 It. 34 ✓

Cicks Reference
Number

3998/59
pps. 5-27 Pt 11 ✓

pps.29-40 ✓

pps.183-190 ✓

pps.191-203 ✓

pps.237-242 ✓

pps.243-267 ✓

3996/70
pps.15-21 ✓

pps.23-41 ✓

pps 43-57 ✓

pps 63-75 ✓

pps 91-105 ✓

pps 107 - 111 ✓

pps 149-158 ✓

pps 185-190 ✓

Title

DVL Lubricant Conference
About the Ageing of Oil
and its Change in Use.

The Chemistry of the
Ageing of Hydrocarbon
Oils

Tests on piston-ring
sticking in the NSU Engine

The Testing of Aero Engine
Oils in the DKW Engine

Application of the Test
Results to practical
conditions

Discussion after the
lectures by Philippovich
Morghen, Gieszmann

The fundamental principles
of the process of lube.

On the Orientation of
Molecules in Liquids and
their Mechanical Properties.

On the Orientation of
Molecules at Boundary
Surfaces, especially on
metallic boundary surfaces

The Nature of Wear

Heating Friction and
Abrasion under Conditions
of Boundary Lubrication
and their relation to
Oiliness by Reg. - Rat.

Boundary friction of
chemically defined substances
by Dr. Eicke Reich Physical-
Chemical Institute.

Static Friction and
Oiliness.

The Oil Test Apparatus
of the Z.F.

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F.D. 2874/46 It. 35

3996/30.01-70
pps. 191-203 ✓Test Methods and the Influence
of Lubricating oils in false
Brinelling of Ball and Roller
Bearings

Independent characteristics of temperature
over a wide range.

" " " " "

pps. 245-270 ✓

Investigation of Lubricants in
the I.G. Cold Box.

" " " " "

pps. 271-286 ✓

The Behaviour of Lubricating
Oils at Low Temperatures .

" " " " "

pps. 287-297 ✓

Test on the Low Temperature
Behaviour of Lubricating
Greases

" " " " "

pps. 299-311 ✓

Viscosity of Lubricating Oils
and the Starting-up of Engines
at Low Temperatures.

" " " " "

pps. 313-333 ✓

A Short Summary of Discussions

" " " " "

pps. 354-352 ✓

Session on 12.12.41. Lectures:
Buske, Bartel, Hader, Soden

F.D. 2875/46 I. 18 ✓

3996/147

On the constitution of
lubricating oils and an
change through oxidation }Improvement of the ageing
stability of synthetic
Brightstock and aviation oils
by co-polymerisation of
distillates cracked in the
vapour phase, with aromatics
or aromatic-rich fractions.

F.D. 2876/46 It. 33 ✓

JM 757

30 ✓

JM 518

F.B. 300

A process for producing fluids with physical
oil tests: co-operative programme
commissioned by the DVL.

F.D. 2876/46 It. 53 ✓

F.B. 804

Tests on a synthetic oil of
the Ruhrochemie A.G. in the
liquid cooled (Reissgekühlte)
single-cylinder test engine

" " " It. 66 ✓

F.B. 912

Determination of the Thermal
stability of various Aviation
Oils.

" " " It. 60 ✓

F.B. 952

Physico-chemical investigations
into the combustion process in
the engine.

" " " It. 62 ✓

F.B. 1074

The Properties of Safety fuels

" " " It. 64 ✓

F.B. 1077

The Chemistry of Deposit
formation in hydrocarbon oils.

" " " It. 65 ✓

F.B. 1106

The Low temperature behaviour
of lubricating oils.

" " " It. 67 ✓

F.B. 1244

The DVL blow-by method for
testing lubricants.

It 69 See next page

" " " It. 71 ✓

| <u>Documents Number</u> | <u>Cios Reference Number</u> | <u>Title</u> |
|-------------------------|----------------------------------|--|
| F.D. 2876/46 It. 73 ✓ | F.B. 1292 | An exact and rapid method for the determination of lead in fuels. |
| " " " It. 75 ✓ | F.B. 1331 | On the behaviour of Greases Diesel fuels, Instrument oils and Brake fluids at low temperatures |
| " " " It. 79 ✓ | F.B. 1476 | Determination of the lead tetraethyl content of fuels by means of X-ray adsorption |
| " " " It. 82 ✓ | F.B. 1610 pps. 20-29 | Influence of varied valve overlaps on various fuels in the DB 601 engine. |
| " " " It. 83 ✓ | F.B. 1657 | The Influence of the valve overlap on the knock-limit of various fuels in the DB 601 Engine. |
| " " " It. 86 ✓ | F.B. 1722 | The Influence of various oils on the knock limit curve of aromatic fuels |
| " " " It. 88 ✓ | F.B. 1859 | Extension of the FKES rapid method for determining the lead tetraethyl content of fuels. |
| " " " It. 89 ✓ | F.B. 1869 | Different Knock behaviour of fuels of different chemical structure in the Engines BMW 132 N and DB 601E |
| " " " It. 90 ✓ | F.B. 1905 | The Rating of Fuels on their tendency to vapour-lock. |
| " " " It. 69 ✓ | F.B. 1150 | Measuring Knocking by the DVL Pressure Acceleration Method. |
| " " " It. 50 ✓ | U.M. 518 | On the constitution and properties of lubricating oils and on the change through oxidation. |
| " " " It. 33 ✓ | U.M. 757 | A process for producing fluids with physical characteristics which are independent of temperature over a wide range. |

Document NumberCios Reference
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F.D. 2876/46 It. 97 ✓

NID 24-PG 25402

DVL Report on the conference
on knock characteristics
and storage of fuels (pp65-
75) 16,17 June 1941.

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F.D. 2877/46 It. 3 ✓

NID /PG/25409

Improvement of low temper-
ature starting capacity.

" " " It. 9 ✓

2744-30/5.01
Doc. 4 pt.

Laboratory test method for
the ageing of lubricants

" " " It. 12 ✓

2744-30/5.05
Doc. 12.

Specification for fuel gas.

" " " It. 14 ✓

2744-30/5.05
Doc. 23

Analytical methods.
Comparative investigations
at the B.V.

" " " It. 23 ✓

3441-30/5.01-76

Tar oil, and the use of tar
oil and crude oil in gas
turbines for the Luftwaffe.

" " " It. 30 ✓

3445-30/5.01 -58

The Construction of an
Apparatus for determining
the critical temperature
for vapour-lock of gasoline
(abreissstemperatur), in
aero-engines.

It 31 ✓

3445/58

Grading of fuels with respect to
vapour-lock
Process for production of
polymerisation products of
tetrahydrofuran.

" " " It. 55 ✓

Miscellaneous

Extract from "Report on
more recent work of the
"Institute" compiled by Dr.
phil. A.v. Philippovich.

" " " It. 53 ✓

"

respect to
vapour locks.

Documents translated not included in
The Document List.

| <u>C10s Reference Number</u> | <u>Title</u> |
|--|---|
| F.D. 4975/45 - Folder III ✓ | On the Conference of the Ministry of Economic Expansion of the 8th and 9th July 1941 |
| Folder XII ✓ | Demand and Supply of Isobutyl oils 1944 |
| " - Folder XIII ✓ | Building certificates for the expansion of the ester oil plants |
| " - Folder XXII ✓ | The plenipotentiary for special problems of chemical production |
| " - Folder XIV ✓ | (Diagram) Extension of Ester Oil III to 21,400 tons per annum |
| " - Folder XXVIII ✓ | Synthetic Plant Auschwitz |
| " - Folder XXXI ✓ | Research and Development problems under investigation |
| " - Folder XXXII ✓ | The replacement of "Kogasen" by other basic materials for Sulfo-chlorination - report for the "Ware" experts' conference 28.3.44. |
| F.D. 5616/45 ✓ | Synopsis of cold-resistant lubricants |
| G.D.C. Unit No. 10 Serial 10,105 ✓ German Academy of Aeronautical Research, 1939 Vol. 9 pps 133-168 | The physico-chemical basis of combustion in engines. |
| G.D.C. 10/10,228 ✓ | Atomic-physical changes in the sliding of metal surfaces |
| G.D. C. 10/10, 314 ✓ | Physico- Molecular Processes in Lubrication |
| 3979/105 ✓ | Examination of Austrian Petroleum |
| 3979/109 ✓ | Laboratory Experiments for Obtaining Adipic Acid and Alkyl Adipic Acids. |
| Miscellaneous M.T.Z. Feb. 1943 pps. 41-46 ✓ | Engine and Physcial Investigations into the Nature of Knock. |
| Miscellaneous ✓ | German Organisation of Fuel Research and Development. |
| " ✓ | C.P.V.A. Report No. 9 (Unclassified). |
| " ✓ | Description and working instructions for the Ruhrchemie vapour lock apparatus. |

Clos Reference Number

Miscellaneous ✓

Micro-film 135. At. II ✓

" At. III ✓

" At. VI ✓

" At. VIII ✓

" At. X ✓

" At. XI ✓

Title

F.I.A.T. 873- The Self-ignition reaction of hydrocarbons with brief induction times.

~~United Strategic Air Forces in Europe Office of Asst. Chief of Staff A-2 AVIATION LUBRICANT RESEARCH IN GERMANY DURING THE WAR~~

On the Principle of Lubricating Oil - Mixed Polymerisation.

Mixed Polymerisation of SS Oil with Mineral Oil

Description of the Lubricating Oil Plant Rheinpreussen

The Scientific principles of the synthesis of lubricants

Ester Oils

Esters as Lubricants.

FULL TRANSLATIONS NOT DUPLICATED FOR
DISTRIBUTION.

| <u>Document No.</u> | <u>CIOS Ref. No.</u> | <u>Title</u> |
|----------------------|-----------------------|--|
| FD 2866/46, Item 6 | 1893/A8 | The determination of knock intensity.) |
| " " Item 20 | 1893/A24 | The electrical indication and recording of detonation waves. |
| FD 2867/46, Item 88 | 1893/B107 | Ignition test on the BMW single tube combustion chamber. |
| FD 2868/46, Item 10 | 1893/D6 | The photoelectric measurement of the pollution of lubricating oil. |
| | | The exhaust thrust of aero-engines. |
| FD 2869/46, Item 30 | 1893/F13 | Investigation of lab. methods for determination of lead content of fuels. ZWB.FB 1382. |
| " " " , Item 37 | 1893/F19 | Diagrams for the determination of heat content, temperature after adiabatic expansion, and adiabatic heat drop, between 0° and 3000°C. |
| FD 2874/46, Item 35. | 3996/70 pp.185/191 | The oil test machine of the Z.F. |

LIST OF FULL TRANSLATIONS

Correction Slip.

P. 5 and 6 FD 2872/46, Items 49 to 99 inclusive, under CIOS reference number. Delete 3996, insert 3966.

P. 7 FD 2873/46, Item 18. Delete FD 2873/46, Item 18. insert FD 2877/46, Item 57.

P. 9 FD 2874/46, Item 55. Change "lube" to "lubrication".

P.10 FD 2876/46, Item 66. Change "Reissgekuhlt" to "Heissgekuhlt".

END TOM 249

Corrigenda

P.69 FD 2873/46 Item 18. Delete 3966/SJ9.

P.97 FD 2877/46 Item 57. Add 3966/SJ9.

MINISTRY OF FUEL AND POWER

TECHNICAL MISSION TO G E R M A N Y

5

PERFORMANCE AND UTILIZATION GROUP.

LIST OF DOCUMENTS

Dated.....*1st August 1947.*