

## ENCLOSURE (C)

LIST OF JAPANESE DOCUMENTS PERTAINING TO GASOLINE RESEARCH

(Obtained from the first Naval Fuel Depot OFUNA and Kyushu Imperial University, FUKUOKA, and forwarded through ATIS to the Washington Document Center)

I. Gasoline Research Documents from the First Naval Fuel Depot, OFUNA.  
ATIS No. 4576.

<u>NavTechJap No.</u>	<u>Title</u>	<u>Author</u>	<u>Date</u>
ND26-0005.1	Studies on the Synthesis of Liquid Fuel from Acetylene.	G. FUJIO	12/26
0005.2	Studies on the Synthesis of Liquid Fuel from Acetylene, Effect of Metallic Reaction Tubes on the Polymerization of Acetylene.	G. FUJIO A. SHIRAI	11/27
0005.3	Corrosion of Metal by Commercial Benzol.	G. FUJIO	12/27
0005.4	Effect of Room Temperature on the First Drop in the A.S.T.M. Fractional Distillation Method.	M. AKITA I. HARADA	1/28
0005.5	Studies on the Composition of Gasoline Obtained from Japanese Crude Oil.	M. AKITA G. NOMURA	3/28
0005.6	On the Cracking of Methane.	G. FUJIO A. SHIRAI	5/29
0005.7	Composition and Properties of Commercial Gasolines.	M. AKITA I. HARADA G. NOMURA T. WADA	12/29
0005.8	The Sulphur Compounds in Gasoline.	M. AKITA	11/10/31
0005.9	Thermal Polymerization of CH <sub>4</sub> to Aromatic Hydrocarbons.	T. FUJIO	6/13/32
0005.10	Vapour Pressure of Gasoline.	M. AKITA	9/8/32
0005.11	Gasoline from Petroleum.	M. AKITA	10/1/32
0005.12	Blending of Motor Benzol in Gasoline.	Y. AKITA T. NAKAHARA H. SUGIHARA	11/11/32
0005.13	Experiments on the Poisonous Effects of Gasoline on Animals.	INADA	3/14/33
0005.14	Testing Method for Sulphur in Gasoline by Silver Nitrate.	T. NAMIKAWA F. NAKAMURA	9/34
0005.15	Studies on the Ignition Delay Time of Liquid Fuel by Dropping Method, Part II, Cyclic Hydrocarbons.	N. ISOGAYA Y. NISHIDA	11/34

## ENCLOSURE (C), continued

<u>NavTechJap No.</u>	<u>Title</u>	<u>Author</u>	<u>Date</u>
ND26-0005.16	Properties of Motor Benzol and Various Aviation Gasolines.	M. AKITA H. SHINOYAMA	10/35
0005.17	Properties of Various Aviation Gasolines.	M. AKITA T. YOSHIHIRO N. ISOYA H. KONISHI H. SUGIHARA T. WADA	11/35
0005.18	Gummy Substances in Gasolines.	Y. AKITA	6/1/37
0005.19	Influence of Intake Air Temperature on the Antiknock Properties of Fuel.	M. AKITA N. ISOYA H. SUGIHARA	7/37
0005.20	Octane Values of n-Paraffines by The C.F.R. Motor Method.	M. AKITA N. ISOGAI H. SUGIHARA	7/37
0005.21	Octane Values of Hydrocarbon Mixture.	M. AKITA N. ISOGAI H. SUGIHARA	8/37
0005.22	Measuring Method for Octane Value Over 100.	M. AKITA	12/37
0005.23	On the Influence of Vapour Pressure of Gasoline upon the Starting of Engines.	T. NAKAYAMA	3/15/41
0005.24	On the Influence of Some Chlorides on the Octane-Value of Gasoline.	N. ISOGAI M. UEHARA H. SUGIHARA S. FUKAMI M. INADA	12/3/42
0005.25	On the Solubility of Water in the Unsaturated Hydrocarbons of Gasoline.	H. ASADA	10/27/43
0005.26	On the Influence of Moisture upon the Octane Value of Gasoline.	M. UEHARA	12/28/43
0005.27	Influence of Some Bromides and Iodides on the Octane-Value of Gasoline.	H. ISOGAI M. UEHARA H. SUGIHARA S. FUKAMI M. INADA	4/13/44

## ENCLOSURE (C), continued

~~II. Combustion Research Documents from the First Naval Fuel Depot, OFUNA.  
ATIS No. 4584.~~

<u>NavTechJap No.</u>	<u>Title</u>	<u>Author</u>	<u>Date</u>
ND26-0013.3	Combustion.	N. ISOGAI	8/30
0013.5	Influence of Non-Combustible Gas on the Combustion of Hydrocarbons.	E. ISOGAI	3/33
0013.8	Studies on the Combustion of Hydrocarbon under Constant Volume. Part II. Combustion of Aromatic Hydrocarbons.	M. AKITA S. IGASAKI	6/34
0013.9	Relation between the Residual Gas of Flame and Explosive Limits of Gas.	M. AKITA N. ISOGAI	4/35
0013.14	The Explosive Limit of Hydrocarbons under High Pressure and the Mechanism of Combustion.	H. HONDA	3/42
0013.22	On the Combustion of Butane and Isobutane.	M. HAGIHARA H. HONDA	1/44

III. Technology Reports of Kyushu Imperial University, FUKUOKA, 1940-1945.  
(Including reports relative to the synthesis of gasoline from rubber).  
ND26-0011.1 to ND26-0011.26, ATIS No. 4582.