

Cracking of n-Hexadecane in the Presence of a  
Silicon Gel Modified with Caustic, by  
G. M. Panethnikov.

RUSSIAN. pair. Neftekhimika, vol 5, No 2, 1965,  
pp 211-216.  
AT5-D-1-ASB/4

Sci  
Doc 68

353.870

Synthesis and Conversions of Certain p- and  
p,p'- Derivatives of Diphenyloxide, by  
M. G. Bulanov and I. O. Turyanchik, 10 pp.  
RUMSIAU, per, Noftekhimiya, Vol. 5, No 2, 1965,  
pp 256-263.  
AIR/PTD/ER-23-712-67

Sci-Chemistry  
Nov 68

366,264

G. N. KUZMINA

Zinc Salts of Dialkyl Phosphorodithioates  
as Hydrocarbon Antioxidants,  
NEFTEKHIMIYA, Vol 5, pp 406-409, 1965.  
NTC 73-10182-07C

Mar 73

Synthesis of Isoprene From Propylene  
Kinetics of Propylene Dimerization,  
by V. Sh. Feldblyum, L. D. Myasnikova.  
RUSSIAN, per, Neftekhimiya, Vol 5, No 4,  
1965, pp 493-497.  
ATB-54809R

Sci-Chem  
Aug 66

309,225

The Role of Cyclohexene in the Process of Dehydrogenation and Isomerization of Cyclohexane Under the Conditions of Refining, by G. V. Isagulyants,  
RUSIANI, per. Neftekhimika, vol 5, no 4, 1965,  
pp 501-506.  
AFS-PJL-4813

Sci  
Dec 68

353,859

Dehydration of 1-Pentanol on MFI-Type  
Synthetic Zeolites, by I. B. Rapoport,  
L. B. Itskeson, Z. N. Kharets, O. V.  
Slyukova.

IZOSSKAI, per, Neftekhimika, Vol 5,  
1965, pp 349-53.

AT&T-158000

332, 471

961 67 Chem

Oxidative Ammonolysis of Propylene on  
Modified Magnesium Molybdates, by I. K.  
Koloskin, N. L. Galperin, L. Ya. Margolis.  
RUSKIAN, par., Neftekhimiya, Vol 5,  
1963, pp 573-8.

AHD-32369R

Sci - Chem  
Jul 67

531, 466

The Alkylation of Benzene With Propylene on  
Synthetic Zeolites, by Kh. N. Minachev.  
RUMJAH, per, Neftkhimiya, Vol 5, No 5, 1965,  
pp 676-682.  
Chem Times Sy 2906

Sci - Chemistry  
Apr 67

324,661

Alkylation of Isobutene on Synthetic Zeolites at  
Atmospheric Pressure, by Sh. I. Vinachev.  
BIOSSIAN, pere, Neftekhimika, vol 6, no 1, 1966,  
pp 47-52.  
AT&T-RD-4305

Sci  
Ber 60

353.651

Effect of the Nature of the Cation on the Catalytic Activity of Zeolite I in the Alkylation of Benzene with Propylene, by Kh. M. Minachev.  
RUSSIAN, per. Naukochimya, Vol 6, No 1, 1966,  
pp 57-57.  
ATS-Rd-4006

Sed  
Dec 68

353.852

The Oxidative Dehydrogenation of the Hydrocarbons of a Butane-Dutene Mixture, by  
E. A. Boguslavskii, I. I. Yukol'son.  
RUSSIAN, par., Peftehimiya, Vol 6, No 1,  
1966, pp 80-84.  
AT3-1791

See  
Doc 68

368,720

Effect of Pore Structure of Supports on the Properties of Catalyst for Oxidative Dehydrogenation of Butenes to 1,3-Butadiene, by

V. A. Kolobikhin.

RUSCIAN, per, Neftekhimika, Vol 6, No 1,  
1965, pp 85-89.

AT&T 1790

Sci  
Dec 68

368,719

Oxidation of Isopropyl Alcohol by Cobalt  
(III) Acetylacetone, by V. M. Solyanikov,  
E. T. Denisov.  
RUSSIAN, per, Neftekhimiya, Vol. VI,  
No 1, 1966, pp 97-100.  
Chem Trans Sv No 2657

Sci-Cehn  
mar 67

322,164

Conditions of Safe Oxidation of Toluene by  
Atmospheric Oxygen, by S. A. Yantovskii.  
RUSSIAN, per, Naftakhindya, Vol 6, No 1,  
1966, pp 105-111.  
ATS-1765

Sci  
Dec 60

368,699

22-11000-A  
Report by A. V. Pechatnikov, A. V. Moshkin, I. A.  
Lagunov, N. N. Ovchinnikov, N. N. Tikhonov  
Liquid-Oxygen Oxidation of Ethyltoluene to  
The Hydrogen Peroxide and Some Uses of the  
Hydrogen Peroxide. Reaktion, v. 6, n. 2, p. 227-  
236, 1964.  
Ordered from NTIS as 70-13450-07A; HC \$ 2.60, MF \$ 3.00.

The Kinetics of the Gas Phase Hydro-  
Formylation of Propylene, by  
V. Yu. Gankin,  
RUSSIAN, per, Neftekhimiya, Vol 6,  
No 2, 1966, pp 271-275.  
NTC 72-10237-C7D

Apr 72

Butyraldehyde and Isobutyraldehyde in  
the Products of the Hydroformylation  
of Propylene, by K. A. Aleksseeva.  
RUSSIAN, per, Neftekhimiya, Vol 6,  
No 2, 1966, pp 276-281.  
NTC 72-10298-07C

Apr 72

The Reaction of Nitrogen Oxides With  
Unsaturated Compounds at Low Temperatures,  
by G. B. Sergeev.  
RUSSIAN, per, Neftekhimiya, Vol 6, No 2, 1966,  
pp 302-308.

NTC-71-14976-07C

CIA/CRR/CSC/SW/ [initials]

Feb 72

A Study of the Effect of Oxygen in the Oxidative Dehydrogenation of Butanes to Butadiene on a Bismuth-Molybdenum Catalyst, by N. A. Zimin.  
RUSSIA: pp. Neftakhimiya, Vol 6, No 3,  
1966, pp 374-379.  
ATS-4789

SAC  
Dec 68

368,718

Investigation of Oxidative Dehydrogenation of  
Isobutylene on a Bismuth-Molybdenum Catalyst,  
by A. A. Vartanov.

RUSSIAN, per, Neftetekhnika, Vol 6, No 3,  
1966, pp 387-391.

AT&T 1788

Sci.  
Dec 68

368,717

Cracking of n-hexane in the Presence of Sul-  
fide and Oxidic Catalysts on Supports with a  
Reduced Isomerizing Activity, by Yu. V. Zhorov.  
MOSKVA, pub. Neftekhimiya, vol 6, no 3, 1966,  
pp 396-400.  
AT&T 104-326

Sci-  
Dec 64

393,872

Shipkin, V. V.

Transformations of Hydrocarbons in the Presence  
of Spent and Reactivated Platinum Reforming  
Catalysts.  
NEFTENHIMIYA, Vol. 6, pp 401-406, 1966  
NTC-72-14828-07C  
ATS-RJ-4825

553811

Feb 73

An Investigation of the Activity and Selectivity  
of Some Mixed Catalysts For the Selective Oxidation  
of the C=C Bond in Unsaturated Hydrocarbons, by S. S. Stroeva.  
RUSSIAN, per, Neftekhimiya, Vol 6, No 3,  
1966, pp 412-422.  
ATS-4737

Sci  
Dec 68

368,716

A Study of the Secondary Reactions in  
the OXO Process, by K. A. Alekseeva.  
RUSSIAN, per, Neftekhimiya, Vol 6,  
No 3, 1966, pp 458-467.  
NTC 72-10239-07C

Apr 72

Effect of Reduction of a Iodized Alumino-chromic Potassium Catalyst on its Activity in Aromatization of n-heptane, by L. A. Novikova.

RUSSIAN, pet. Задекхиния, vol 6, no 4, 1966,

pp 531-538.

AIS-IIJ-4745

See  
Dec 68

350,341

The Interaction of Phenol and Aromatic Amines  
Inhibition in Hydrocarbon Oxidation Reactions,  
by G. V. Itapashina, Z. K. Myrus, et al. 8 pp.  
MOSCOW, por., Neftekhimiya, Vol. 6, No 4, 1966,  
pp 603-607.  
AD/FIL/ML-23-164-68 AD 690 560

Sci/Chemistry  
FBI 69

375,557

Alkylation of Monoalkyl Benzenes with Propylene  
on Synthetic Zeolites at Atmospheric Pressures,  
by Kh. A. Minchev, Ya. I. Isaakov,  
RUSSIAN, per, Neftichizina, Vol 6, No 5, 1966,  
pp 694-701.  
(TS-RU-480)

Sch  
Dec 68

353,849

Liquid-alkylation of Toluene and Ethylbenzene on  
Zeolite Catalyst by A. N. Okrushnov.  
BUREAU, por. Neftekhimika, Vol 6, no 5, 1966,  
pp 710-714.  
AT&T LIBRARY

Sci  
Doc 68

353.850

General kinetic equations of the dehydrocyclization of n-Paraffins on oxide Catalysts.

by Yu. N. Zborov.

RUSSIAN, per. Neftekhimiya, vol 6, no 6, 1966,

pp 831-837.

AD-A144812

Sci  
Dec 68

353.853

Concurrent Carboxylation During the  
Oxidation of Aselaic and Sebacic  
Acids, by N. I. Mitskevich.  
RUSSIAN, per, Материалы, Vol 6,  
1966, pp 867-871  
NTC 72-11510-070

June 72

Equilibrium Studies for Alkylation of  
Irromatic Compounds in the Presence of  
Mnualnum Chloride, by N. N. Lebedev.  
RUSSIA, per, Neftekhimika, Vol 7,  
No 1, 1967, pp 26-31.  
KIC 72-10731-07C

Apr 72

Synthesis of Esters of -Dimethyl-  
Fatty Acids, by E. Ya. Zharova.  
RUSSIAN, per, Naftakhimika, Vol 7,  
No 1, 1967, pp 92-96  
NTC 72-11566-07C

June 72

Mechanism of Vapor Phase Reactions of Alkanes  
with NO<sub>2</sub>. Kinetics and Chemistry of Slow Reaction  
of Propane with NO<sub>2</sub>, by A. P. Ballov, et al.  
RUSSIAN, per, Neftekhimiya, Vol 7, No 1, 1967,  
pp 115-123.  
NASA TT F-11,115

Sci-Chem  
Sept 67

341,962

Dehydration of Butane in the Presence of Ethylene  
as Hydrogen Acceptor Over Chromia-Alumina Catalyst,  
by K. P. Lavrovskiy.  
RUSSIAN, per, Neftekhimiya, Vol 7, No 2, 1967,  
pp 163-165.  
ATS RI-S169

Sci-Chem  
July 69

385,736

The Pyrolysis of n-Octane in the Presence of Ammonia,  
by L. V. Talisman.  
RUSSIAN, per, Neftekhimiya, No 2, 1967, pp 214-218.  
ATS-RJ-5847

Apr 72

Hydropurification of Synthetic Ethanol  
From Unsaturated and Carbonyl Compounds,  
by I. I. Berger.  
RUSSIAN, per, Neftekhimiya, Vol 7,  
No 2, 1967, pp 242-247  
NTC 72-11567-07A

June 72

Synthesis and Properties of Esters  
of -Dimethyl-Fatty Acids and  
Saturated Monohydric Alcohols, by  
K. V. Pusetskii.  
RUSSIAN, per, Neftekhimiya, Vol 7,  
No 2, 1967, pp 280-285  
NTC 72-11568-07C

June 72

Thermal Stability of -Alkylthiophanes  
and -Alkylthiophenes, by  
R. D. Obolentsev.  
RUSSIAN, per, Neftekhimiya, Vol 7,  
No 2, 1967, pp 293-300  
NTC 72-11525-07C

June 72

Nickel-Alumina Catalyst for the Demethylation  
of Toluene by Steam, by T. I. Poletaeva.  
RUSIAN, per. Neftekhimika, vol 7, no 3, 1967.  
pp 374-378.  
AFS-HL-3794

SCI  
Dec 68

353.840

Production of C<sub>8</sub> Aromatic Hydrocarbons by  
Catalytic Reforming of Gasoline Fractions,  
by G. N. Malyshev, A. A. Pytareva.  
IZOZMIRAN, pme, Raftekhimiya, Vol 7, No 3,  
1967, pp 398-397.  
NKC-69-16368-07C

Sci-Chem  
Rev 70

402,929

Composition of High Molecular Products  
Formed in the OXO-Synthesis of C<sub>6</sub>-C<sub>8</sub>  
Alcohols, by K. A. Aleksieva.  
RUSSIAN, per, Neftekhimika, Vol 7,  
1967, pp 407-412  
MTC 72-11526-07C

June 72

Determination of the Optimum Conditions of  
Vapor-Phase Oxidation of Durene to Pyromellitic  
Dianhydride, by V. P. Borshchenco.  
RUSSIAN, per, Neftekhimika, Vol 7, No 3,  
1967, pp 427-435.  
ATS-4764

Sci  
Dec 68

368,698

Advances in the Chemistry of Adamantane,  
by S. Landa.  
RUSSIAN, per, Neftekhimiya, Vol 7,  
No 3, 1967, pp 476-485.  
NTC 72-10527-07C

Apr 72

Kinetics and Mechanism of Isomeric  
Conversions of Methylbicyclo[2.3.2]  
Nonane, by I. M. Makarova.  
RUSSIAN, per, Neftekhimiya, Vol 7,  
No 4, 1967, pp 501-510.  
NTC 72-10795-073

Apr 72

C<sub>3</sub> + C<sub>9</sub> Bicyclic Naphthenic Hydrocarbons, by  
V. K. Solodkov,  
RUSSIAN, per, Neftekhimiya, Vol. 7, No 4, 1967,  
pp 511-514.  
HTC-71-16109-07C

Jan 72

The Effect of Water on the Rate and Direction  
of the Liquid-Phase Oxidation of Butane, by  
M. G. Dulygin.

RUSSIAN, per, Naftochimiya, Vol 7, No 4,  
1967, pp 586-590.  
ATS-1710

Sci  
Dec 68

368,679

Formation of Stable Paramagnetic Compounds During Oxidation of Engine Oils, by I. S. Shilovnev.  
RUSSIAN, ser. Neftekhimiya, Vol. 7,  
No. 4, 1963, pp. 523-526.  
ATC 72-11095-11H

May 72

Fifty Years of the Soviet Oil Refining Industry,  
by D.I. Notkin, 14 pp.  
AUSSLAN, par. Neftokhimiya, Vol. 7, No. 5,  
Moscow, Sept-Oct 67, pp. 651-660.  
JPKS 44,410

Sci-Materials  
Feb 68

351,493

Resume of Petrochemical Development, by Kh. A. Markaryan. 14 pp.  
RUSSIAN, per, Neftekhimiya, Moscow,  
No. 5, 1967, pp. 661-659.  
JPRS 44,813

Sci-Chemistry  
March 68

355,085

Production of Benzene by Catalytic Reforming at Reduced Pressures, by G. N. Manlyanski.

S. A. Barkhatov,  
BESSEKHOV, per. Neftekhimika, Vol. 7, No. 5, 1967.  
pp 746-750.  
AID-RL-4793

Sci  
Doc 68

353.839

The Role of Hydrogen Bonding in the Liquid-Phase  
Oxidation of Cusens, by I. P. Shevchuk.  
RUSSIAN, per, Neftekhimika, Vol 7, No 5,  
1967, pp 751-755.  
AT&T-4761

Sci  
Dec 68

368,695

Research on the Oxidation of Hydrocarbons in the  
URSS During the Last Fifty Years, by N. M Emanuel'.  
FOR GOVERNMENT USE ONLY  
RUSSIAN, per, Neftekhimiya, Vol. 7, No 6, 1967,  
pp 627-641.  
AM/PTC/EP-23-189-68B

SC/PCM

Minutes of the Dehydrogenation of Propane, by  
G. M. Panchenkov.  
MOSCOW, pub, Neftekhimiya, Vol 7, No 6, 1967,  
pp 858-864.  
ADS MJ-5171

Sci-Chem  
July 69

385,738

Dehydrogenation of Butane in a Mixture with Ethylene at Reduced Pressure, by K. P. Levrovskiy.  
NEFTEKHIMIA, per, Neftekhimiya, Vol 7, No 6, 1967,  
pp 665-667.  
ADS MJ-5172

Sci-Che  
July 69

385,739

Influence of Dose rate on the kinetics of  
Cyclohexane Radiolysis. Cyclohexane as a  
Chemical Destabilizer System, by V. I. Makarov.  
RUSSIAN, per, Neftekhimiya, No 7, 1967,  
pp 219-223.

\*AEC/AERE

Sci/Che  
Apr 69

Infrared Absorption Spectra of Cyclotriphosphazaine Derivatives, by S. G. Kotova,  
N. L. Zinina, et al., 13 pp.  
BESLAV, JER, Zhurnal fizika, Vol 8, No 2, 1968,  
pp 390-396. A 3 p. add.  
ALV/TH/MI-23-59-69

SCI/DIC Entry  
DEC 69

397,378

SYNTHESIS OF CERTAIN Derivatives of Nitroantrene  
From Nitroanthracene Carboxylic-1 Acid, by  
S. Linda, Y. Buddehard, et al. 6 pp.  
KIRGIZIAN, per., Neftrokhimiya, Vol 8, No 3, 1968,  
pp 323-325.  
AD/UTD/RD-23-1007-68

sci/chemistry  
may 69

380,127

Liquid-Phase Oxidation of Alkylnaromatic Hydrocarbons,  
by V. N. Fil'kovskiy, L. A. Golubko,  
RUSSIAN, pat., Neftekhimiya, Vol. 8, No 3, 1968,  
pp. 392,-397.  
ATS RU-5130

Sci-Chem  
July 69

385,506

Use of "Saran" Type Active Coal in  
Gas Chromatography, by A. V. Kiselev.  
RUSSIAN, per, Neftekhimiya, Vol 8,  
No 3, 1968, pp 476-480.  
NTC 72-10528-07D

Apr 72

Simultaneous Preparation of Acrylonitrile,  
Acrolein, and Saturated Nitriles From  
Propane, by A. N. Shatalova.  
RUSISTAN, per, Neftekhimiya, Vol 8,  
No 4, 1968, pp 609-612.  
NTC 72-10819-07A

Apr 72

Solubilizing Action of Additives of Various  
Structures and its Effect on the Properties of  
Lubricating Oils, by A. B. Vipper, et al.  
RUSSIAN, per, Neftekhimiya, Vol 8, No 5, 1968,  
pp 798-806.

FTD HT Speical 534-69

V7 C 74-10738 11/24

oct 69

395,390

Equilibrium in the Hydrocracking of Biphenyl,  
by M. Ya. Detnilev, M. G. Gonikberg.  
Zhurnal, ser., Nefttekhimika, Vol 8, No 6,  
1966, pp. 833-838.  
REC-69-16574-07A

Sci-Chem  
Pub 70

402,923

A Study of the Thermal Hydrocracking of  
Biphenyl, by M. Ya. Botnikov, M. G. Gonikberg.  
IZOZIMAM, year, Neftekhimiya, Vol 6, No 8,  
1968, pp 805-830.  
NYC-69-16573-07A

Sci-Chem  
Feb 70

402,922

M. I. Farberov

Simultaneous preparation of phenol and  
cyclohexanone by the oxidation of phenyl-  
cyclohexane.  
NEFTENKUMIYA, Vol 9, pp 107-115, 1969  
NTC 72-15296-07A

mar 73

70-13306-07C

BZERTHMA, E. I.; AULIS, E. S.  
EFFECT OF OXYGEN CONCENTRATION AND THE  
ADDITION OF PROPYLENE OXIDE AND ACETALDEHYDE  
ON PROPYLENE OXIDATION. Nefekhimika, v. 9, n. 2,  
p. 242-248, 1959.  
Order from NTC # 70-13306-07C: HC \$ 7.60, MF \$ 5.60.

Dyachenko, N. N., Gerasimova, L. F., Grishin, I. O.  
THE EFFECT OF POTASSIUM, MANGANESE, AND  
SODIUM STEARATES ON THE COMPOSITION OF  
PARAFFIN OXIDATION PRODUCTS. Neftekhimiya,  
v. 9, n. 2, p. 286-289, 1969.  
Order from NTIS as 70-13303-07C: HC \$ 6.70, MF \$ 3.00.

Dialkildithiocarbamates of Metals as Antioxidants  
for Hydrocarbons, by I. V. Shklyants,  
V. V. Sher. 6 pp.  
RUSSIAN, per, Neftekhimiya, Vol 9, No 4,  
1969, pp 616-619.  
AIR/PTD-IT-23-363-70

sci/physics  
feb 71

Role of Hydroperoxide and Peroxy Radicals in the  
Mechanism of the Liquid-Phase Oxidation of 1-Butene,  
by B.I. Chernyak, B.I. Koshevskiy, 11 pp  
RUSSIAN, per, Neftekhimiya, Vol 9, No 6, 1969,  
pp 854-860.  
AIR/FTD-NT<sup>2</sup> 24-286-70

Box 18  
NEFTEKHIMIYA  
1970  
TO  
PARTIYNAYA ZHRA  
1969

Alteration of the Chemical Nature of the Surface of  
an Alumina-Cobalt-Molybdena Catalyst on Deposition of  
Carbon, by R. A. Faskhutdinov,  
RUSSIAN, per, Neftekhimiya, Vol 10, No 2, 1970,  
pp 215-217.  
AT&T RJ-5846

NTC: M-1970-10-2-27

Apt 72

Kinetics and Reaction Mechanism of the  
Epoxidation of Propylene With Methylbenzene  
Hydroperoxide, by M. I. Farberov.  
RUSSIAN, per, Neftekhimiya, Vol. 10, No 2, 1970,  
pp. 218-225.  
NICA-Y1-1#359-07C

Nov 71

REQ FOR CHECK

7-2-11

T-42

INFLUENCE OF METAL O. ALKYLALKYL DITHIOPHOSPHONATES ON THE PROPERTIES OF LUBRICANTS  
GRISHINA O N; POTEKHINA M I  
ISS: NEFTEKHIMIYA, 1970, VOL 10, nr 3,  
pp 377-382

*In process of*  
~~47-2374-230~~ *for review*  
~~MT 67-71~~

The Conversion of 2-Methyl-2-Butene Over  
Phosphoric Acid and Iron Phosphate Catalysts  
in the Presence of Oxygen, by Yu. N. Usov.  
KEMIJA, per, Neftekhimiya, Vol 10, No 3, 1970,  
pp 335-341.  
N2C-71-12358-07C

Nov 71

The Dehydration of the Dimethylvinyl-Carbino -  
Water Azeotrope in the Presence of Aluminum  
Oxide and Certain Zeolites, by L. N. Ivanova,  
RUSIAN, per, Neftekhimiya, Vol 10, No 3, 1970,  
pp 400-405.  
NTC-71-14360-07C

Nov 71

Cyclopentene and Cyclohexene Ozonides, by  
Y. Ye. Mokrovskaya.  
RUSSIAN, per, Neftekhimiya, Vol 10, No 3, 1970,  
pp 411-415.  
\*NTIS TM 72-51126

Sept. 72

Investigation of the Mechanism of the Detergent Action and Effectiveness of Succinimide Additives for Motor Oils, by Yu. S. Zaslavskiy, et al. 14 pp.  
RUSIA, per, Neftgkhimiya, Vol 10, № 3, 1970,  
pp 437-443.  
ADM/PTD/MC-23-246-71

Dec 21

Bimolecular Oxidation of p-Xylenol to Threophthalic Acid Oxide in Cobalt Acetate - Sodium Bicarbonate by N. G. Dilyanov.  
ROZSICH, Ser., Neftekhimiya, Vol. 10, No. 6, 1970,  
pp. 549-553.

Final 102

Ozonation of Cycloolefins in the Presence of  
Alkaline Earth Metal Hydroxides, by I. Ye. Pokrovskaya.  
BESLAN, pmt, Neftekhimiya, Vol 10, No 4, 1970,  
pp 544-550.  
MMIIM TT 72-31119

Aug 72

The Separation of Mixtures of Primary and Secondary Higher Aliphatic Alcohols, by  
A. N. Bartov.  
KHIMIKA, 1961, No. 5, pp.  
pp. 576-578.  
FTC-71-16183-07G

June 02

The Preparation of Pyrocatechol From  
Glycolic Acid, by Ya. M. Pashkin.  
ROZISTAV, per, Neftekhimiya, Vol 10, No 5,  
1970, pp 698-700.  
SAC 72-10847-07C

Apr 72

Reproduction of this document by other than CIA authorized personnel is prohibited.  
Date dictated: 6/4/84  
by [redacted] at [redacted], 101 E. 42nd St., NY, NY 10017  
[redacted]

Initials: [redacted]

The Methylation of Phenol With 1,4-Butanol in the  
Presence of Boron Fluoride, by E. N. Kostova,  
BULGARIAN JOURN, Eftelzhinika, Vol 10, No 6, 1973,  
pp. 345-348.  
RDP84-071-16140-073

Date: 22

Study of the Process of Propylene  
Oxidation on Silver Catalysts, by  
B. V. Nabokova.  
RUSSIAN, per, Neftgazinform, Vol. 10,  
No. 6, 1970, pp. 857-859.  
NFC 70-11023-076

May 72

the Composition of the Products of the Oxidation  
of n-Decane Catalyzed by Cobalt Salts, by

N. N. Ivanov.

ROSIAN, JAM, Heftelhain, Vol 10, No 6, 1970,

pp 960-963.

HTG-71-16181-07C

7-22

Decomposition of  $\alpha$ -Hydroxy-Isobutyric Acid in a  
Sulfuric Acid Medium, by Ya. A. Icontev  
RUSSIAN, per, Neftekhimiya, Vol 10, No 6, 1970,  
pp 696-698  
NTC 71-16662-07C

Feb 72

Kilger, G.

Optimizing The Process Of Primary Alkylamine  
Synthesis From Normal Aliphatic Alcohols And  
Ammonia  
NEFTERKIMIYA, Vol. 10, 1970, pp 907-912  
NTC-72-60894-07C

Feb 73

The Relationship Between the Chromatographic and  
Physicochemical Characteristics of Hydrocarbons, by  
E. M. Shilichuk,  
1953, p. 10, Neftekhimiya, Vol. 10, No. 1, 1970,  
pp. 913-916.  
N23-71-16045-07D

JUL 72

O. A. Arefev

The Kinetics and Mechanism of the Isomerization  
of C<sub>12</sub> - C<sub>14</sub> Parahydroaromatic Hydrocarbons.  
BESKUCH, per, Neftekhimiya, Vol 11, No 1, 1971,  
pp 31-41  
NTC T2-13447-07C

Oct 72

Mr. F. J. Ondrich

The thermal stability of organic sulfur and phosphorus compounds as additives for lubricating oils. II pp.  
ROSSLAR, G. M. *Lubrication*, Vol. 11, No. 1, 1971, pp. 134-143  
Aerojet General Corp., 1971-00000-71

Model 700

The Antioxidant Activity of the Ethers of Aminophenols  
and their Mixtures With Spatially Hindered Phenols in  
the Retention of the Oxidation of Hydrocarbons, by  
M. Ya. Mackina, 13 pp.  
KINETICHESKAIA, Vol 11, No 2, 1971, pp 210-216.  
ADD/PTR/SE-74-1030-72

Feb 73

V. V. Sher

Polyvinylchloride as fuel additives. 6 pp.  
JINSEIKA, Nipponkinyo, Vol 11, No 2, 1971, pp 278-281  
AER/FILM-IT-REF-403-72

403 72

R. I. Parteev

The Kinetics and Mechanism of Epoxidation of  
Propylene With Organic Hydroperoxides.  
BIOKhim., perechiarkh., Vol. 11, 1971, pp. 104-  
109.

1839 72

V. M. Chukhov

Meeting of the Specialization of Reactions by Organic  
Industries established.  
BUREAU, per, Reichstag, Vol. 12, 1931, p. 128  
129.  
REF ID: A38037-002

RECORDED

A Study of the Ionization of  
Arylmethanols in Solutions of Acids  
on the Surface of Fluorinated  $\text{Al}_2\text{O}_3$   
by the Method of Ultraviolet Spectro-  
scopy, by T. V. Antipina.  
BULLATN, por., Neftekhimiya, Vol. 11,  
1971, pp. 429-435  
KTC 72-60221-070

July 72

A. B. Kipper

Study of the adsorption capacity of additives of the  
mercaptoimidazole and amino dithiophosphate type. 6 pp.  
KINETIKI Mekhanizmy, Vol. 11, No. 4, 1971, pp. 474-477  
A.I.U./TITAN-1/6-16-72

Top 20

L. S. Akimova

Oxidation of Butenes into Maleic Anhydride over  
Vanadium-Phosphorus Catalysts Prepared by  
Coprecipitation with Colloidal Silica.  
NEFTI KHMVA, Vol 11, 1971, pp 545-547.  
NTIS 72-14600 07D

46

Feb 1973

E. I. RUBINSHTEIN

Condensation of Maleic Anhydride with Olefins.  
NEFTTEKHIMIYA, Vol 11, No 6, pp 883-887, 1971.  
AT&T 40A129R

Mar 73

R. A. FRIDMAN

Study of the Mechanism of Ethyl Alcohol  
Amination on an Iron Catalyst.  
NEFTIKHICHIMIA, Vol. 17, No. 1, pp. 91-97, 1972,  
NTC 73-11362-07C

Man. 73

Electrothermophoric Cracking and Hypersorption  
by I. K. Novikov.  
RUSSIAN, per, Neftopererabotka i Neftekhimiya,  
No 4, 1965, pp 31-36.  
AMSI J-0400  
ID 22040164

Sci-Chem  
Jul 66