APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

The Destructive Hydrogenation of n-Heptane and of n-Hexadecane in the Presence of a Nickel Catalyst, by M. D. Tilicheyev, A. A. Polyakova, 10 p.

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SLA 59-17421

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Step-Wise Counter-Current Contact Apparatus With Fluidized Bed of Fine-Grained Materials, by D. I. Orochko, T. Kh. Melik-Akhnazarov, G. N. Poluboiarinov 10 pp.

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AEC IGIS-66(RD/R)

Sci - Chem
Jun 60

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DSM SLK M-1582 (2011)

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

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Investigation of a Process for Blowing Hydrogen Sulfide From Petroleum Refinery Waste Waters, by I. L. Mar'yasin.

RUSSIAN, R, Per, Khim i Tekhnol. Topliv i Masel, Vol III, No 2, 1958, pp 34-41.

ATB-95K24R
RJ-1508

Sci
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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Safronova, T. P. and Zluze, T. P.
STUDY OF THE SOLUBILITY OF GASES IN OILS AT ELEVATED PRESSURES AND TEMPERATURES (Izucheniye Rastvorimosti Gazov v Neftyakh pri Povyshennykh Davleniyakh i Temperaturakh). [1961] [18]p. 13 refs.
Order from LC or SLA mi$2.40, ph$3.30 61-10189

Trans. of Khim[iya] i Tekhnol[ogiya] Toplv i Masel (USSR) 1958 [v. 3] no. 2, p. 41-46.
Another translation is available from LC or SLA mi$1.80, ph$1.80 as 60-18189 [1960] 10p.

For abstract see TT, v. 4, no. 11.

(Chemistry - Physical, TT, v. 5, no. 10)

61-10189

1. Petroleum - Impurities
2. Natural gas - Solubility
I. Safronova, T. P.
II. Zluze, T. P.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Agafanov, A. V., Abayeva, B. T., and Okinshevich, N. A.

CRACKING OF SEPARATE GROUPS OF HYDROCARBONS FROM ROMASHKINO RESIDUAL OIL IN THE PRESENCE OF NATURAL ALUMINO-SILICATE CATALYSTS (Kraking Otdel'nykh Grupp Uglevodorodov Romashkinskogo Gudrana v Prisutstvii Prirodnykh Alyumosilikatnykh Katalizatorov). [1961] [13]p. Order from LC or SLA mi$2.40, ph$3.30 61-10188

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel (USSR) 1958 [v. 3] no. 2, p. 46-53.

Principles are established governing the catalytic cracking of heavy oil feed stocks. At operating temperatures below those normally used in practice for thermal cracking, an adequate conversion is obtained for the different groups of hydrocarbons and compounds present in residuum (the overall degree of conversion is 85.6 to 85.7% by weight). Under the conditions of catalytic cracking, the greatest break down is shown by the (Chemistry--Organic, TT, v. 5, no. 10) (over)

61-10188

1. Hydrocarbons--Decomposition
I. Agafanov, A. V.
II. Abayeva, B. T.
III. Okinshevich, N. A.

101581

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

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Polymerization of Amylenes Over a Phorphoric Acid Catalyst, by E. G. Volpova, 10 pp.

RUSSIAN, per, Khim i Tekh Top i Masel, Vol III, No 2, 1958, pp 54-57.

CIA/FDD XX-558
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem
Jan 59
USIB INTERNAL USE ONLY

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Method of Analysis of Bituminous Materials ~~Entering~~
Entering Into the Composition of Tars, by M. V.
Morozova. UNCL

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pp 58-61.

DSIR 34298/CT

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Production of Acetylene by High-Speed Contact Cracking of Propane, by O. V. Kaminskaya, K. P. Lavrovskiy, A. M. Brodskiy, 8 pp.

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Assoc Tech Sv
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AtS-RJ-1407

Sci - Chem
Apr 59

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A Study of the Process of Oxidizing Propane by Atmospheric Oxygen in the Presence of Nitrogen Oxides, by S. Ya. Belder.

RUSSIAN, per, Khim i Tekhnol Topliva i Masel, Vol III, No 3, 1958, pp 8-14.

ATS RJ-1186

Sci - Chem
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The Formation of An Active Surface on Fused Iron Catalysts Used in Synthesis From CO Plus H_2, by Yu. B. Kagan.

SOURCE: per, Khim i Tekh Top i Masel, Vol XXX, No 3, 1959, pp 14-22.

Dept of Int
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Sci - Chem

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Relationship Between Mass Transfer and Liquid Resistance on Bubble-Cap and Sieve Trays, by A. N. Planovskiy, et al.

RUSSIAN, per, Khim i Tekhnol Topliva i Masel, Vol III, No 3, 1958, pp 30-33.

ATS RJ-1291

Sci - Chem
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Continuous Contact Coking of Petroleum Residues Increases Light Product Yields, 7 pp.

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AF 1255615

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Demulsifying Ability of Some Organophosphorus Compounds as Oil Additives, by A. B. Vipper et al.

RUSSIAN, per, Khim i Tekhnolog Topliva i Masel, Vol III, No 3, 1958, pp 45-47.

Assoc Tech Serv RJ-1378
" " " 78K23R

Sci - Fuels

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Multipurpose Additives for Lubricating Oils and Greases Based on the Oxidation Products Obtained From Petrolatum and Ceresin, by D. S. Velikovskiy.

RUSSIAN, por, Khim i Tekhnolog Topliva i Masel, Vol III, No 3, 1958, pp 48-52.

Assoc Tech Serv RJ-1380
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Sci - Fuels

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A Study of the Rate of Oxidation of Carbon in a Carbon Dioxide or Steam Medium, by P. E. Galushko.

RUSSIAN, per, Khim i Tekhnologi Topliva i Masel, Vol. III, No 3, Moskva, 1958, pp 56-63.

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Sol - Chem

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A Study of the Reducing Phase of a Continuous Iron-Steam Method for the Production of Hydrogen, by A. A. Gavrilova, N. V. Shishakov.

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ATS-74E23R
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A Rapid Method for Determining the Sulfur Content in Liquid Fuel, by P. S. Makovetskiy, K. B. Kholodkovskaya.

RUSSIAN, per, Khim i Tekhnolog Topliv i Masel, Vol III, No 3, 1958, pp 71, 72.

Assoc Tech Serv RJ-1492
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Sci - Chem

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New Trends in the Production of Motor Oils; Properties and Advantages of the New Lubricants, by E. G. Semenido.

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Something New in the Esitmation of the Thermal Stability of Lubricating Oils, by K. K. Papok. UNCL

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Assoc Tech Serv/RS-1313

Co-op Tr Scheme 618
(12.16s.)

Sci - Fuels
Mar 59

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The Catalytic Action of Metals on Lacquer Formation in the Presence of Friction, by S. K. Kyuregyan.

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Assoc Tech Serv RJ-1382
" " " 78K25R

Sci - Min/Met

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Fire Hazards of Reaction Engine Fuels, by N. A. Ragozin, A. F. Vorob'yeva. (USSR Materials and Materials Processing Equipment, 3).

RUSSIAN, PER, Khim i Tekhnologiya Topliv i Masel, No 4, Apr 1958, pp 39-45.

A F 125 [illegible]

USSR
Econ
Sci - Petroleum products
Oct 58

75,413

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Determination of Thermal Stability of Fuels, by G. S. Shimonayev, et al. UNCL

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Assoc Tech Serv/RJ-1384
Co-op Tr Scheme 619
(L2.8s.)

Sci - Fuels
Mar 59

83,409

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Estimation of the Stability of Fuel of the Kerosene Type by Pumping it Through Jet Engine Fuel Pumps, by ~~Xxxx~~ B. F. Korobov, et al. UNCL

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 4, 1958, pp 51-55.

Co-op Tr Scheme 620
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Sci - Fuels
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Calcium Hydride Method of Determination of Water Content of Fuels With Consideration of the Kinetics of Hydrogen Evolution, by M. M. Kusakov, et al.

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Assoc Tech Serv RJ-1493
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Sci - Chem

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Additives to Sulfurous Fuel Reducing Wear on [redacted] Cylinders, by P. M. Mokhov. (USSR Materials and Materials Processing Equipment, 3).

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Co-op Tr Scheme 621

USSR
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Sci - Petroleum products
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ATS-RJ-1381

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Upgrading of Petrolatum by Means of High Pressure Hydrogenation, by N. I. Kalashnikova, D. B. Orechkin.

RUSSIAN, per, ~~Khim i Tekhnolog~~ Topliva i Masel, Vol IXI, No 5, 1958, pp 47-51.

Assoc Tech Serv RJ-1416
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Sci - Chem

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Use of Furgural for Refining of Lubricants from Eastern Crude, by A. Z. Dikkulov, N. I. Chernozhukov, 8 pp.

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X SLA 60-14348

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The Conditions for the Reduction of Iron-Copper Catalysts, by B. P. Vainshtein, et al.

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Assoc Tech Serv RJ-1385
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Obtaining Gases of a Given Composition When Gasifying Solid Fuels Under High Pressure, by V. S. Al'tshuler, G. S. Shafir.

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DSIR LLU M. 2290

61-13772

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Sci - Fuels

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Investigation of the Paramagnetic Resonance of Donbass Coals, by A. A. Galkin, D. A. Kichigin, 18 pp.

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The Solubility of Petroleum in Compressed Gases, by G. N. Yushkevich, T. P. Zhure, 11 pp.

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SLA 60-10940

Sci
Jun 60
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Studies of Chinese Scientists in the Field of Destructive Hydrogenation of Fuels, by I. V. Kalechits, K. Syue-lun.

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ATS RJ-1901

Sci - Chem
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Corrosive Activity of Hydrocarbon Fuels in Presence of Elementary Sulfur, by Ya. B. Chertkov, V. H. Zrelo et al., 8 pp.

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Sci - Fuels

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Conical Chromarographic Columns, by V. V. Veselov,

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ACSIL No 1227

Sci

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Air Shock Stability of Mineral and Synthetic Lubricating Oils, by S. E. Kreyn, O. P. Makashova, 11 pp. UNCLASSIFIED

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AF 1255440

Sci - Fuels
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Tests on Operating a Unity for Preparing Hydrogen by the Catalytic Conversion of Hydrocarbon Gases With Steam, by M. B. Zhadanovskiy, 8 pp.

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XII

The Effect of Steam on the High-Temperature Crackin of Gas-Oil, by V. S. Aliyev, N. P. Kasinova, N. B. Al'tman, 7 pp.

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Sci - Fuels
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The Effect of the Rate of Heating Coal on the Evolution of Volatiles, by M. G. Reznik, E. Ya. Eidel'man,

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ATS RJ-1620

Sci - Chem, Engr
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The Transformations of Hydrocarbons During Destructive Hydrogenation in the Presence of A WS_2- Silica-Alumina Catalyst, by V. A. Zaharenko, 10 pp.

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CCT-1630B

Sci - fuels
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Kinetics of the Process of Continuous Absorption in a Fluidized Bed, by A. N. Planovskiy, L. [illegible] V Vladenkov, 12 pp.

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SLA 59-15009

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The Effect of Moisture on Dielectric Losses in Liquid Dielectrics, by R. A. Lipshtein, E. N. Shtern. UNCL

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Sci - Electricity
Jul 59

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Stability of Ethylated Aviation Gasolines and Aviation Gasoline Components, 12 pp.

RUSSIAN, per, Khimiya i Tekhnologiya Topliv i Masel, No 9, 1958, pp 43-48.

AF 1255422

Sci - Fuels
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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

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Production of Detergents From Olefines, by E. M. Khmyrets, et al. UNCL

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 9, 1958, pp 48-54.

DSIR LLU RTS 1018

Sci - Chem
Jun 59

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Aleksandrov, S. N., Smulyakovskii, Ya. E., and Alekseev, S. A.
SPEKTRALANALYTISCHE BESTIMMUNG VON VANADIUM UND NICKEL IN ERDÖLPRODUKTEN.
(Spectroscopic Determination of Vanadium and Nickel in Mineral Oil Products). 5p.
Order from TIB $1.20

Trans. in German of Khimiya i Tekhnologiya Topliv i Masel (USSR) 1958 [v. 3] no. 9, p. 69-71.

DESCRIPTORS: *Spectroscopy, Determination, *Vanadium, *Nickel, *Mineral oils.

(Chemistry--Analytical, TT, v. 9, no. 11)

62-27311

I. Aleksandrov, S. N.
II. Smulyakovskii, Ya. E.
III. Alekseev, S. A.
IV. Technische Informations-bibliothek, Hannover (West Germany)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Conversion of the Oxygen-Containing Compounds of Cheremkhovo Tar During Liquid-Phase Hydrogenation, by K. A. Alekseyeva, B. L. Moldavskiy.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol III, No 10, 1958, pp 7-11.

ATS RJ-1902

Sel - Chem
Dec 59

104,079

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Manufacture of Products With a High Content of Aromatic Hydrocarbons by a Hydrogenation Method, by N. V. Goncharova,

RUSSIAN, per. Khim i Tekhnol Topliv i Masel, Vol. III, No 10, 1958, pp 15-21.

ATS RJ-2095

Sci - Chem

May 60

115,389

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Study of the Kinetics of Oxidation of Reduced Iron [redacted] Catalysts and Ores by Steam for the Purpose of Obtaining Hydrogen, by D. Yu. Gamburg, B. L. Sarychev, 10 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel USSR, Vol III, No 10, 1958, pp 16-24.

ATS-40L31R

Sci
Dec 59
Vol 2, No 4

102, 722

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Regeneration of Hydrogenation Catalysts With Hydrogen
by S. P. Rogov, et al.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol III,
No 10, 1958, pp 29-33.

ATS RJ-1592

Sci - Chem
Jul 59

90,438

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Aizenshtain, P. G. and Kurchik, A. N.
UEBER EINIGE EIGENSCHAFTEN VON IN ROHÖL LÖSLICHEN DEMULGATOREN (On some Properties of Demulgators Soluble in Crude Oil). 5p.
Order from TIB $1.20

Trans. in German of Khimiya i Tekhnologiya Topliv i Masel (USSR) 1958 [v. 3] no. 10, p. 34-36.

DESCRIPTORS: *Chemical properties, *Oils, Colloids.

(Engineering--Chemical, TT, v. 9, no. 11)

62-27301

I. Aizenshtain, P. G.
II. Kurchik, A. N.
III. Technische Informations-bibliothek, Hannover (West Germany)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Extraction of Phenols From Tar Fractions With Aqueous Solutions of Methanol, by A. V. Mazov, Yu. I. Turskiy, L. E. Danchenko, 8 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel USSR, Vol III, No 10, 1958, pp 44-49.

ATS-41L31R
ATS-RI-1929

Sci
Dec 59
Vol 2, No 4

102,721

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Martynov, V. M. and Kuchinskaya, N. D.
MOISTURE VAPOR TRANSMISSION THROUGH THIN LAYERS OF LUBRICATING GREASES [Proniknovenie Parov Vody Cherez Tonkie Sloi Konsistentnykh Smazok]. [1962] 9p.
Order from ATS $13.00 ATS-52P63R

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel (USSR) 1958, v. 3, no. 10, p. 64-69.

DESCRIPTORS: *Corrosion research, *Lubricants, *Greases, Water vapor, Penetration.

(Materials--Lubricants, TT, v. 9, no. 1)

62-34257

I. Martynov, V. M.
II. Kuchinskaya, N. D.
III. ATS-52P63R
IV. Associated Technical Services, Inc., East Orange, N. J.

ATS-RT-3660

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

New Fuel Oxidation Inhibitors and Additives for Increasing the Thermal Stability of Jet Fuels, by F. N. Mazitova, Ya. M. Paushkin.

RUSSIAN, per, Khim. i Tekh Topliv i Masel, Vol III, No 11, 1958, pp 10-12.

ATS RJ-1594

Sci - Chemical
Jul 59

965 9897

90,439

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Comparison of Polyethylene Glycol Diesters with Dibasic Aliphatic Acid Diesters, by S. S. Al'tman.

RUSSIAN, per, Khim i Tekhnol Topliv i Masel, Vol III, No 11, 1958, pp 13-15.

ATB RJ-1655

Sci - Chem

Jul 59

90,840

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Catalyst Transport in Continuous Flow, by I. M. Razumov, I. G. Fedyev,

RUSSIAN, per, Khim i Tekhnol Topliv i Masel, Vol III, No 11, 1958, pp 15-20.

ATS RJ-2211

Sci - Chem

May 60

115,467

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Reconstruction of Combination Units at the Saratov Refinery, by N. A. Mishagin, 5 pp. UNCL

RUSSIAN, per, Khim i Tekh Topliva i Masel, No 11, 1958, pp 23-27.

AF 1256023

USSR
Econ
Sep 59

97622

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

The Chemical Composition of Carpathian Shales, by M. M. Zashkil'nyak, 4 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol III, No 11, 1958, pp 33-35.

ATS 53L30R
ATS-RJ-1931

Sci - Min/Met
Sep 59
Vol 2, No 2

98,024

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

A Rapid Dynamic Method of Determining the Specific Surface Area of Catalysts, by S. E. Aleksandrov, S. L. Shop.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol III, No 11, 1958, pp 62-66.

ATS RJ-1619

Sci - Chem
Jul 59

90,444

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

The Rate of Reactions in the Dehydrogenation of Propane on a Fixed Catalyst, by I. Ya. Tyuryayev, et al.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol III, No 12, 1958, pp 9-15.

ATS RJ-1900
OTS 61-17600

Sci - Chem
Dec 59

104,077

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

A Study of the Influence of Steam on the Pyrolysis of the Technical Ethane Fraction for Ethylene Production, by P. S. Kogan, L. A. Potolovskiy. UNCL

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol III, No 12, 1958, pp 22-26.

DSIR LLU 1226

12s. 6d. anywhere

99,455

Sci - Chem
Oct 59

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Effect of Thermal and Steam Treatments on the Structure and Catalytic Activity of Spheroidal Silica-Alumina Catalysts, by A. V. Kiselev, Yu. S. Nikitin,

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol III, No 12, 1958, pp ~~32-36.~~ 27-31.

ATS RJ-1591

Sci - Chem
Jul 59

90,437

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

The Influence of the Chemical Composition of an Alumina-Cobalt Oxide-Molybdena Catalyst on Its Activity in Hydrofining and Autohydrofining Processes, by A. D. Sulimov, et al..

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol III, No 12, 1958, pp 32-36.

ATS RJ-1590

ATS-46L30R

Sci - Chem
Jul 59

90,436

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Semi-Coking of Coal Fines in a Moving Bed, by Yu. I. Turnkiy.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol III, No 12, 1958, pp 41-46.

ATS RJ-1904

Sci - Chem
Dec 59

104,081

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

A New Method for Evaluating the In-Service Behavior of Transformer Oils, by K. I. Ivanov, et al.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol III, No 12, 1958, pp 46-48.

ATS RJ-1936

Sci - Chem
Dec 59

104, 105

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

CHEMISTRY AND TECHNOLOGY OF FUELS AND OILS, 1959 [VOL. 4]: INDEX. [1961] [16]p. [DSIR LLU] M.3007.
Order from OTS or SLA $1.60 61-27586

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) 1959 [v. 4] index.

DESCRIPTORS: *Fuels, *Oils, Periodicals, Indexes, USSR, Chemistry.

The 182 articles that appeared in this journal in 1959 are listed by author (according to the Cyrillic alphabet) under the following headings: (1) Chemistry and technology of fuels and oils; (2) Petrochemical synthesis; (3) Operating properties of fuels and oils; (4) Methods of assessing the quality of fuels and oils; (5) Methods for calculation of petroleum plant apparatus; (6) Economic questions; (7) Discussion; (8) Information; and (9) Replies to reader's questions.

61-27586

I. DSIR LLU M.3007

(Engineering--Chemical, TT, v. 6, no. 8)
Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

The Present Status of the Problem of Using Radioactive Isotopes and Radiations in the Petroleum Refining Industry, by Yu. S. Zaslavskiy, 19 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 1, 1959, pp 5-15.

ATIC MCL-197/2

Sci - Chemistry
Dec 60

134,573

AEC NP-D-526
Dept Bot TN 7
EST No 392

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Blinov, B. I., Makarov, I. A. and Pinkhusovich, R. L.
APPLICATION OF APPARATUS FOR RADIOACTIVE CONTROL IN A HYDROGENATION PLANT. [1963] 8p. (figs. refs. omitted).
Order from OTS or SLA $1.10 63-16971

Trans. of Khim[iya] i Tekhn[ologiya] Topliv i Masel (USSR) 1959, v. 4, no. 1, p. 15-19.

DESCRIPTORS: *Liquid level gages, *Liquid level control, *Radioactive isotopes, Gamma rays, Hydrogenation, Separation, *Horizontal indicators, Handling, Coal, Coke, Industrial plants.

A construction of radioactive level indicators and controllers in thick-walled vessels was created, which permitted a substantial reduction of the radiation intensity of the source by simultaneously using (Engineering--Chemical, TT, v. 10, no. 7) (over)

63-16971

I. Blinov, B. I.
II. Makarov, I. A.
III. Pinkhusovich, R. L.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

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The Oxidation of Industrial Paraffin Under the Influence of Gamma-Radiation, by Yu. L. Khmelnitskiy, A. T. Slepnova, I. I. Melekhonova, 4 p.

RUSSIAN, per, Khimiya i Tekhnologiya Topliv i Masel, 1959, Vol IV, No 1, pp 25-27.

SLA 59-20295

Sci
Mar 60
Vol 2, No 11

109,535

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Study of the Nature of Surface on Cracking Catalysts by the Method of Adsorption of Tagged Cesium, by M. A. Kaliko, M. N. Pervukhina, 8 p.

RUSSIAN, per, Khim i Tekhnologiya Topliv i Masel, 1959, Vol IV, No 1, pp 35-40.

SLA 59-20294

Sci
Mar 60
Vol 2, No 11

109,552

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Conversion of Phenols During Vapor-Phase Hydrogenation, by K. A. Alekseyeva, B. L. Moldavskiy, 3 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel USSR, Vol. IV, No 1, 1959, pp 43-48.

AMS-52131R

Sci - Chem
Dec 59
Vol 2, No 4

102,792

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Stabilization of Mineral Oils With Low-Molecular Polyisobutylene, by M. A. Mullin, et al. UNCL

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 1, 1959, pp 49-52.

DSIR LLU M.923

SLA 60-13797

(loan).

111,117

Sci - Fuels

Mar 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Some Relationships in the Loss of Detergent Additives From Oil, by A. B. Vipper, et al.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol IV, No 1, 1959, pp 59-63.

ATS-RJ-1935

Sci - Chem
Dec 59

104/104

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

The Pressure Exerted by a Compact Moving Bed of Granular Material on the Walls of a Shaft Type Apparatus, by P. I. Luk'yanov, et al.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol IV, No 1, 1959, pp 63-68.

ATS RJ-1967

DSIR [illegible]

Sci - Engr

Jan 60

105,758

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Tsiguro, T. A., Druzhinina, A. V., and Fillipov, B. F.
THE PERFORMANCE OF MOTOR OILS AND OF THE HYDROCARBON GROUPS ISOLATED FROM THEM.
12p. 5 refs. MTWL: 919.
Order from OTS or ETC $1.85 61-17589

Trans. of Khimiya i Tekhnologiya Topliva i Masel (USSR) 1959, no. 2, p. 18-24.

DESCRIPTORS: *Lubrication, *Oils, Hydrocarbons, Combustion.

61-17589

I. Tsiguro, T. A.
II. Druzhinina, A. V.
III. Fillipov, B. F.
IV. MTWL-919
V. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Study of the Thermal Stability of Sulfurous Fuels, by Ye. R. Tereshchenko, M. Ye. Turaryshkin, 6 pp. KUNCL

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 2, 1959, pp 25-27.

AF 1255913

Sci - Fuels
Aug 59

93,395

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Effect of Temperature on the Formation of Sediment in Hydrocarbons Fuels, by Z. A. Sabline, A. A. Gureyev, 5 pp. UNCL

RUSSIAN, per, Khim i Tekh Toplivv i Masel, No 2, 1959, pp 28-30.

AF 1255902

Sci - Fuels
Aug 59

93, 3FE

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

A New Diesel ~~Fuls~~ Fuel Standard, 3 pp.

RUSSIAN, per, Khim i tekhn topliv i masel, No 2, 1959; June 1959, pp 71-72.

AF 1255914

Sci
Fuels
Sept 59

95,532

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Automatic Flow Photo-Colorimeter, by V. Z. Votlokhin.

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 3, 1959, pp 10-12.

NLL RTS 2208
(loan)

Sci -
Jul 63

23F/24

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

An Analyzer of Water Content in Petroleum,
by I. B. Gantsevich, V. F. Remnev, 6 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel,
Vol IV, No 3, 1959, pp 17-20.

SLA 60-14336

Sci
Feb 62
Vol III, No 11

182,813

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Chromatographic Analysis of Mixtures of Alkenes With Diolefins, by A. M. Brodskiy, et al.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol IV, No 3, 1959, pp 30-32.

ATS RJ-1985

Sci - Chem

Jan 60

105,770

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Economic Effectiveness of an Improvement of the Octane Characteristic of Motor Gasolines, by A. N. Basov, D. M. Aronov, L. M. Noreyko, 6 p.

RUSSIAN, per, Khim Tekhnol Topliv i Masel, 1959, Vol IV, No 3, pp 60-64.

ATS-67L35R
ATS/RI-2079

113,567

Sci
Apr 60
Vol III, No 2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Magnetic Resonance in Some Coals, by N. S. Garif'yanov, M. M. Akzel'rod, 6 p.

RUSSIAN, per, Khim i Tekhnol Topliv i Masel, 1959, Vol IV, No 3, pp 64-68.

ATB-47L33R

Sci
Mar 60
Vol 2, No 11

109,614

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

R-2483 (DC-2864).

The Establishment of New, and Modern Complete Technological Flow Processes and the Reduction of Specific Capital Investments in Oil Refining - A Highly Important Task in the Seven Year Plan for the Development of the USSR Oil Industry, by A. F. Aref'yev, B. B. Kropitskiy, N. I. Sorokin, 10 pp.

RUSSIAN, per, Khim i Tekh Top i Masel, No 4, 1959, pp 1-6.

USSR JPRS-L-1783-D 72,890
Econ - Technological - Petroleum Industry
Jul 59

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Selection of Refining Process Schemes for High Sulfur Crudes of the Bashkir ASSR, by A. S. Bygenson, Ye. G. Ivchenko, 10 pp. UNCL

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 4, 1959, pp 7-12.

AF 1256037

Sci - Fuels
Oct 59

98,719

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Catalytic Cracking of Raw and Hydrogen-Treated Vacuum Gas Oil From Arlan Crude, by A. V. Agafonov, et al.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol IV, No 4, 1959, pp 18-24.

ATS RJ-1895

Sci - Chem
Dec 59

104,074

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

Combination Plant for Straight-Run Distillation of Crude Oil and Catalytic Cracking of Residual Stock Over a Microspherical Natural Catalyst, by A. V. Agafonov. USCL

RUSSIAN, per, Khim i Tekh Topliva i Masel, No 4, 1959, pp 25-31.

TH7 E57 No. 341
AF 1419377

Sci - Fuels;

109,496

Mar 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

The Special Features of Stepwise Countercurrent Catalytic Cracking of Heavy Distillate Feed Stocks, by D. I. Orochko, et al.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol IV, No 4, 1959, pp 48-53.

ATS RJ-1896

Sci - Chem
Dec 59

104,075

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

RUDKOVSKIY, D. M.
OXO SYNTHESIS PROCESS AS SOURCE OF INTERMEDIATES FOR MANUFACTURING HIGH-MOLECULAR COMPOUNDS, SURFACE-ACTIVE AGENTS, LUBRICATING OILS, AND OTHER SYNTHETIC ORGANIC PRODUCTS. [1961] 10p.
Order from ATS $12.45 ATS-34N52R

Trans. of Khim[iya] i Tekhnologiya] Topliv i Masel (USSR) 1957, v. 4, no. 5, p. 1-7.

DESCRIPTORS: *Detergents, Organic compounds, Polymers, Lubrication, *Oils, *Oxo process, Synthesis

(Engineering--Chemical, TT, v. 6, no. 3)

61-22626

I. Rudkovskiy, D. M.
II. ATS-34N52R
III. Associated Technical Services, I East Orange, N. J.

ATS-RJ-2902

17330

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130048-9

New Systems of Synthesis From Carbon Monoxide and Hydrogen, by A. P. Blyudov, et al.

RUSSIAN, per, Khim i Tekh Topliva, No 5, 1959, pp 8-13.

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Alekseeva, K. A., Rudkovskii, D. M. and others.
PREPARATION OF HIGH MOLECULAR WEIGHT ALCOHOLS FROM THE PRODUCTS OF CATALYTIC COKING BY THE OXO SYNTHESIS METHOD. [1961] 5p.
Order from ATS $7.50 ATS-35N52R

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel (USSR) 1959, v. 4, no. 5, p. 14-18.

DESCRIPTORS: *Alcohols, Synthesis, *Oxo process, Molecular weight, Catalysis, Coke

(Chemistry--Organic, TT, v. 6, no. 5)

61-22938

I. Alekseeva, K. A.
II. Rudkovskii, D. M.
III. ATS-35N52R
IV. Associated Technical Services, Inc., East Orange, N. J.

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Rudovskii, D. M. and Trifel, A. G.
PRODUCTION OF PROPIONALDEHYDE BY THE OXO SYNTHESIS PROCESS. [1961] 8p.
Order from ATS $10.95 ATS-33N52R

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel (USSR) 1959, v. 4, no. 5, p. 18-24.

DESCRIPTORS: *Aldehydes, Synthesis, *Oxo process.

(Chemistry--Organic, TT, v. 6, no. 4)

61-22939

I. Rudovskii, D. M.
II. Trifel, A. G.
III. ATS-33N52R
IV. Associated Technical Services, Inc., East Orange, N. J.

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Solubility of Synthesis Gas in Some Hydrocarbons and Oxygen-Containing Compounds Under the Conditions of the Oxo Synthesis, by K. A. Alekseyeva. UNCL.

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Selection of Refining Scheme for Processing Topped Crude, by Ya. A. Botnikov, B. B. Kaminer, D. Kh. Teregulov, 14 pp. UNCL

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Formation of Static Electricity in Jet Fuels, According to Data in the Foreign Literature, by N. A. Ragozin, N. F. Bonzhina, 7 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol IV, No 6, 1959, pp 56-60.

ATS-83M37R

ATS-R[illegible]

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Thermal Properties of Coals Undergoing Pyrolysis,
by V. N. Zarolluyev.

RUSSIAN, per, Khim i Tekh Topliva i Masel, No 7,
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Reaction Rates in the Pyrolysis of Ethane, by
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ATB RJ-2076

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RUSSIAN, per, Khim i Tekhnol Topliv i Masel, Vol IV, No 8, 1959, pp 22-25.

ATS RJ-2078
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Sci - Chem

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The Oil Refining of the USSR During the Seven-Year Plan (1959-1965), by V. P. Sukhanov, 12 pp.

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THERMAL STABILITY OF JET FUELS. 17 July 61, 4p. AID Rept. 61-107; AD-261 448.
Order from OTS or SLA $1.10 61-27706

Review of Khimiya i Tekhnologiya Topliv i Masel (USSR) 1957 [v. 2] no. 9, p. 66-70; 1960 [v. 5] no. 10, p. 35-38; 1961 [v. 6] no. 5, p. 48-53.

DESCRIPTORS: *Jet engine fuels, *Aviation fuels, Contamination, Chemical impurities, High temperature research, *Thiols, Sulfur compounds, Bronze, Brass, Corrosion, Deterioration, Catalysts, Catalysis, Test methods, Sedimentation, Stability.

Contents:
The catalytic effect of copper-base alloys on resin formation in T-type jet fuels, by I. E. Bespolov, D. E. Kestner, and O. V. Pletneva (Materials--Fuels, TT, v. 8, no. 2) (over)

61-27706

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II. AD-261 448
III. Aerospace Information Div., Washington, D. C.

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