

Technical Exhibit of the Grozny Oil Refiners, 4 pp,
illus.

RUSSIAN, per, [†]Mechanik, No 6, 1956, pp 31-32,
Encl to IR-1168-57.

V
AID/Feb 57

USSR
Econ

50,358

Al' ~~Net~~ ~~svsk~~ in the Sixth Five-Year Plan, 3 pp.
RUSSIAN, per, Naftyanik, No 6, 1956, pp 33-34,
Encl to IR-1212-57.

AID/Feb 57

USSR
Econ

50,369

Problems Concerning the Storage of Crude Oil and
Petroleum Products, 5 pp.

RUSSIAN, per, Neftyanik, No 7, 1956, pp 1-3,
Encl to IR-1225-57.

AID/feb 57

USSR
Econ
Fuels

50,370

Production of the Bilius-Alumina Bond Catalyst,
3 pp.

RUSSIAN, per, Neftyanik, No 7, 1956, pp 14-15,
Encl to IR-1239-57.

AID/Feb 57

USSR
Fuels
Chem

50,373

Prolonging the Operating Cycle of Catalytic Cracking
Plants, ~~Encl~~ by I. G. Prigornev, 6 pp.

RUSSIAN, per, Neftyanik, No 7, Jul 1956, pp 16-18,
Encl to IR-1106-57, AFOIN-1A1, 31 Jan 1957.

AF 1071967

USSR

44, 331

Sci - Fuels
Economic

Ways and Means of Economizing on Reagents, 5 pp.

RUSSIAN, per, Neftyanik, No 8, 1956, pp 4-6,
Encl to IR-1904-56.

AID/Dec 56

Sci - Chem, Fuels
Jul 57

50,090

What Is Retarding the Mechanization of Repair
Work at Petroleum Refineries, by R. Z. Rakhmievich,
6 pp.
RUSSIAN, no par, Neftyanik, No 8, 1956, pp 7-10,
Encl to IR 1363-57, AFOIN-1A1.
AF 1097612

USSR
Economic
Jun 57

48,230

Why Is the Capacity of the Novokuybyshev Oil Refinery Not Being Utilized, by M. S. Karamyshev, V. M. Gromenko, N. V. Izryumov, 3 pp.

RUSSIAN, no per, ~~Neftyanik~~ No 8, Apr 1956, pp 10, 11. *USA 600476*

ATIC F-TS-10108/v

48,106

USSR
Economic
May 57

Experience of Instructor Group, by A. A. Smirnov,
5 pp.

RUSSIAN, no per, Neftyanik, No 8, Apr 1956,
pp 12, 13. *CIA 60067*

ATIC F-TS-10108/V

USSR
Economic
May 57

48, 207

Problems of Transportation by Pipeline, 4 pp.

RUSSIAN, no per, Netyanik, No 9, 1956, pp 1, 2,
Encl to IR 1914-56, AFORN-IX 1A1.

AF 1071261

USSR
Econ -
Sci - Fuels
Feb 1957 CTS

44, 100

Exchange of Advanced Information. Production of
Lubricating Oils From Sulfurous Eastern Crude Oils
in a Large Selection, by P. I. Korotkov, 2 pp.

RUSSIAN, per, Neftyanik, No 9, 1956, pp 3-5, Encl
to IR-1167-57, APOLN-LAI.

AF 1076939

Sci - Fuels
USSR
Econ
Mar 57

44,843

Improved Crude Oil Preheating System of
Thermochemical Desalting Units, by V. N. Brovko,
4 pp.

RUSSIAN, no par, Neftyanik, No 9, 1956, pp 6, 7,
Encl to IR 1292-57, AFOIN-1A1.
AF 1085966

Sci - Engineering
May 57

48,113

Refining Slack Wax by the Percolation Method Prior
to Deciling, by Z. A. Bernadyuk, 1 p.

RUSSIAN, no per, Neftyanik, No 9, 1956, p 8,
Encl to IR-1114-57, 1 Feb 1957, AFON-1A1.

AF 1076941

Sci - Chemistry

45,498

Mar 57

Percolation Purification of Paraffin Containing Oil
Up to the Point of Complete Deparaffinization, by
Z. A. Bernadyuk, 2 pp.

RUSSIAN, per, Neftyanik, No 9, Sep 1956, p 8.

ATIC F-TS-10098/III

Sci - Fuels
Mar 1957 CTS

45, 051

Calculating the Economic Effect of Innovations and
Inventions, by I. V. Orlov, 4 pp.

RUSSIAN, no per, Neftyanik, No 9, 1956, pp 23-28,
Encl to IR-1176-57, 15 Feb 1957, AFCIN-1A1.

AF 1074900

KHX
USSR
Econ

45,500

Mar 57

Automation Calls for More Attention.

RUSSIAN, per, Neftyanik, No 10, 1956,
pp 1-3.

DSI 4 Tr 1738

Sci - Engr
Mar 58

60,153

Redesigning an Atmospheric Vacuum Pipe Still, by
M. M. Simayev, V. N. Kirillova, 4 pp.

RUSSIAN, per, Neftyanik, No 10, 1956, pp 4-6,
Encl to IR 1288-57, AFOIM-1A1.

AF 1088327

Sci - Engineering, installations
May 1957 CTS/dex

47,490

An Experiment in Speed Repair of Cracking Units, by
A. Patsiorin, G. Al'tshuler, 2 pp.

RUSSIAN, no par, Nefteyanik, No 10, 1956, pp 6-8,
Encl to IR-1177-57, 15 Feb 1957, /FOIN-1A1.

AF 1174899

Sci - Engineering

45,525

Mar 57

An Effective Utilization of Manpower, 5 PP.

RUSSIAN, per, Neftyanik, No 10, 1956, pp 9-12,
Encl to IR-1307-57, APOIM-1A1.

AID/Apr 57

USSR - Economic

50,763

Apr 57

New Petroleum Storage Methods, ~~1956~~, by I. S. Salikhov,
3 pp.

RUSSIAN, per, Neftyanik, No 10, 1956, pp 17, 18,
Encl to SIR-2652-AFOIN-1A1.

AID/^yMar 57

Aug 57

50,863

USSR- Economic

Results of the All-Union Socialist Competition of
Petroleum Workers, 5 pp.

RUSSIAN, per, *Neftyanik*, No 10, 1956, pp 19021,
Encl to SIR-2609, AFOIN-1A1.

A

AID/Mar 57

USSR - Economic

50,851

Aug 57

For a Wider Introduction of Modern Oil
Refining Methods, by I. S. Salikhov, 4 pp.

RUSSIAN, no per, Neftyanik, No 10, 1956,
pp 27, 28, Encl to IR 1388-57, AFOIN-1A1.

AF 1100444

USSR

Econ - Refineries, production

Sci - Fuels

May 57

48,112

Innovators at the "Budenny" Petroleum Gas Plant,
3 pp.

RUSSIAN, per, Neftyanik, No 10, 1956, pp 29, 30,
Encl to IR-1276-57, AFOL-1A1.

AID/Mar 57

Sci - Chemistry, Fuels

50,849

Aug 57

Calculating the Production Costs of Petroleum Products, 3 pp.

RUSSIAN, per, Neftyanik, No 10, 1956, p 31, Encl to IR-1258-57, APOIN-111.

AID/Star 57

BSSR - Economic

50,852

Aug 57

Using Welding Equipment to Heat Frozen Pipelines,
3 pp.

RUSSIAN, per, Neftyanik, No 11, 1956, pp 21, 22,
Encl to SIR-2628, ^AFOIN-1A1.

AID/Air 57

Sci - Engineering

50,768

Resolutions of the 20th Congress of the CPUSSR are
Being Realized, 3 pp.

RUSSIAN, per, Neftyanik, No 1, 1957, pp 1-2,
Encl to SIR-2818.

AID

USSR
Econ
Mar 58

60, 343

Refinery Specialists Improve the Thermal Crack-
ing, 4 pp.

RUSSIAN, per, Neftyanik, No 7, 1957, pp 17, 18.

AF 1164591

USSR - Econ
Aug 50

70,919

Economy is the Law of Socialist Enterprises, 3 pp.
UNCLASSIFIED

RUSSIAN, per, Neftyanik, No 1, 1957, pp 32, 33,
Encl to SIR-2819.

AJD/Dec 57

Sci - Fuels
USSR
Econ.

61,061

Increasing the Output of a Catalyst Factory, by
A. Kh. Agaronov, 5 pp.

RUSSIAN, per, Neftyanik, No 2, 1957, pp 11-13,
Encl to IR-1530-57, AFOIN-1A1.

AF 1109265

USSR

Econ - production of silica-alumina

Jul 57

50, 113

DOI HTR 1740

Methods for Increasing the Throughput of a Refining
Unit, 4 pp. UNCLASSIFIED

RUSSIAN, per, Neftyanik, No 2, 1957, pp 23-25.

AF 1144729

USSR
Econ
Sci - Fuels

61,062

Constructional Improvements of the Enlarged
Diametric-Vacuum Pipe Still Unit, by
A. A. Grechko, 8 pp. UNCLASSIFIED

RUSSIAN, no per, Neftyanik, No 3, Mar 1957,
pp 23-25, Encl to IR-1969-57, AFCEM-1A1.

AF 1151967

Sci- Eng

Feb 58

USSR

Econ - Novo-Ufa refinery

58,488

Improved Deasphalting Process for the Production
of Residual Oils from Eastern Crudes, 5 pp.

RUSSIAN, per, Neftyanik, No 4, 1957, pp 12-14,
Encl to SIR-2844.

AID/Mar 58

USSR - Econ

67, 437

In Connection With the Problem of New Technology in
Bulk Plants, 3 pp. UNCLASSIFIED

RUSSIAN, per, Reftyanik, No 4, 1957, p 27.
Encl to SIR-2771.

AID/Sep 57

USSR

Econ

Feb 58

58,135

Processing Paraffinic Mazout in an Atmospheric
Unit, 5 pp.

RUSSIAN, per, Neftyanik, No 5, 1957, pp 13, 14.

AF 1162943

USSR - Econ
Sci - Fuels
Aug 58

70, 118

New Type Pipes, 3 pp.

RUSSIAN, per, Neftyanik, No 5, 1957, pp 19, 20.

AF 1146092

USSR
Econ
Sci - Fuels
May 58

63,057

Petroleum Industry, USSR, 6 pp.

RUSSIAN, per, Neftyanik, No 8, 1957, pp 14-16,
Encl to SIR-2865.

Head, Lib Sv Sec
Air Info Div, Lib Cong

USSR - Econ
Aug 58

70,119

Petroleum Industry, USSR, 3 pp.

RUSSIAN, per, Neftyanik, No 8, 1957, pp 17, 18,
Encl to SIR-2850.

Head, Lib Sv Sec
Air Info Div, Lib Cong

USSR - Econ
Aug 58

70, 120

Ethylene - An Important Raw Material for the
Chemical Industry, 3 pp.

RUSSIAN, par, Neftyanik, No 8, 1957, pp 30, 31.

AF 1177404

USSR

Econ

72, 996

Sep 58

Petroleum Industry, USSR, 4 pp.

RUSSIAN, per, Neftyanik, No 11, 1957, pp 1-3,
Encl to SIR-2847.

AID/Mar 58

USSR - Econ
Aug 58

69, 443

(2348. 2)

Extraction of Heavy and Viscous Crude Oil in
Albania, by P. P. Rakov, 4 pp.

Russian
ALBANIAN, par, *Neftvenik*, Vol III, No 1,
Moscow, 1958, pp 30-31.

JPRS 1287-X

EBur - Albania
Econ
Mar 59

82,349

Protasov, G. N. and Manafov, M. I.
BAIN D'ACIDE CHLORHYDRIQUE REMEDIANT AU
CALAGE DES OUTILS DE FORAGE (Bath of Hydro-
chloric Acid Stopping the Wedging of the Boring Tools).
6p. (text in French).
Order from OTS or ETC \$0.85 62-26357

Trans. in French of Neftyanik (USSR) 1958
[v. 3] no. 2, p. 6-7.

DESCRIPTORS: Mining engineering, Cutting Tools,
Hydrochloric acid, Hydrogen compounds, Fluorides,
Turbines, *Boreholes.

(Earth Sciences--Geology, TT, v. 9, no. 8)

62-26357

- I. Protasov, G. N.
- II. Manafov, M. I.
- III. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

PR-

Bakulin, V. G.
ASSEMBLAGE MÉTALLIQUE ARTICULÉ POUR TUY-
AUX DE FORAGE FLEXIBLES (Articulated Metallic
Assembling for Tubes of Pliant Boring). 6p. (text in
French).
Order from OTS or ETC \$0.85 62-26345
Trans. in French of Neftyanik (USSR) 1958
[v. 3] no. 2, p. 20-22.
DESCRIPTORS: *Mining engineering, Boreholes,
Pipes, Flexible couplings.

62-26345

- I. Bakulin, V. G.
- II. Centre National de la
Recherche Scientifique
(France)

(Earth Sciences--Geology, TT, v. 9, no. 8)

Office of Technical Services

PR-

Processing Petroleum Residues in a
Delayed Coking Unit, by Z. I. Syunyayev, 5 pp.
UNCLASSIFIED

RUSSIAN, per, Neftyanik, No 2, 1958, pp 22-24,
Encl IR-1658-58, AFCEA-1A1.

AF 1187093

USSR
Econ
Oct 58

73,572

Sci - Fuels

Some Petroleum Refining and Storage Facilities
in the Soviet Union (Photos), 9 pp.

RUSSIAN, par, Heftyanik, No 11, 1958, pp 17-19.

AF 1255569

UNSER
Econ

May 59

87,137

Atmospheric-Vacuum Pipe Still Throughput
Increased Without Unit Area Increase, by
A. A. Proshkin, V. N. Proshkin, V. N. Kotova,
5 pp. UNCL

RUSSIAN, per, Neftyanik, No 12, 1958, pp 15-18.

AF 125527

Sci - Ingr
Apr 59

84,837

New Techniques in Petroleum Refining, by
M. P. Krymov. UNCL

RUSSIAN, per, Neftyanik, No 1, 1959, p 18.

DSIR LIU RFB 1465

(2a. 6a.)

USSR
Recd
May 60

116,601

61-22256

Strukov, F. I.
SUCCESSFUL DRILLING IN HEAVY ARGILLITES.
[1961] 3p.
Order from ATS \$4.25

ATS-23M47R

Trans. of Neftyanik (USSR) 1959, v. 4, no. 6, p. 6-7.

DESCRIPTORS: *Drills, Tests, Rock, Penetration.

- I. Strukov, F. I.
- II. ATS-23M47R
- III. Associated Technical Services, Inc., East Orange, N. J.

177740

Office of Technical Services

(Engineering, TT, v. 6, no. 4)

How to Obtain Synthetic Rubber From Alcohol,
8 pp.

RUSSIAN, per, Neftyanik, No 7, 1959, pp 29-31.

AF 1256267

Sci - Chem
Jan 60

105,376

Production of Synthetic Fatty Acids From
Paraffin, by N. B. Pinyagin, 4 pp. DECL

RUSSIAN, par, Keftyanik, No 8, 1959,
pp 28, 29.

AP 1419516

Sci - Chem
Mar 60

111,601

New Rumanian Petroleum-Bearing Region, 4 pp.
UNCL

RUSSIAN, per, Neftyanik, No 8, 1959, p 35.

AP 1419525

Eltur - Rumania
Econ
Sci - Geophys
May 60

115,814

(NY-2900/7).

High-Production Equipment for the Petroleum Industry,
3 pp.

RUSSIAN, per, Neftyanik, No 10, 1959, pp 1, 2.

JPRS 2256

USSR

Econ - Technological - Machinery and Instruments

Mar 60

109,901

61-12334

Rustamov, R.
DEEP DRILLING WITH A WEIGHTED TOOL. [1960]
4p. Order from ATS \$7.20
ATS-17M45R
Trans. of Neftyanik (USSR) 1960, v. 5, no. 1, p. 8-10.

I. Drills--Performance
I. Rustamov, R.
II. ATS-17M45R
III. Associated Technical
Service, Inc., East
Orange, N. J.

147,078

AT/PJ-2749

Office of Technical Services

(Engineering, TT, v. 5, no. 5)

61-22254

Sidorovskii, V. A.
PREPARATION OF SPECIAL EMULSIONS FOR HY-
DRAULIC FORMATION FRACTURING. [1961] 2p.
Order from ATS \$4.25 ATS-11M47R

Trans. of Neftyanik (USSR) 1960, v. 5, no. 8, p. 8-9.

DESCRIPTORS: *Hydraulic fracturing, Colloids,
Preparation.

I. Sidorovskii, V. A.
II. ATS-11M47R
III. Associated Technical
Services, Inc., East
Orange, N. J.

ATS/RJ-2754

177735

Office of Technical Services

(Engineering, TT, v. 6, no. 4)

61-22217

Egorov, I. I.
NEW DEVELOPMENTS IN EXPLOITING INJECTION
WELLS. [1961] 2p.
Order from ATS \$3.00

ATS-82M47R

Trans. of Neftyanik (USSR) 1960, v. 5, no. 9, p. 8-9.

DESCRIPTORS: *Petroleum, Sources, USSR.

- I. Title: Injection wells
- I. Egorov, I. I.
- II. ATS-82M47R
- III. Associated Technical Services, Inc., East Orange, N. J.

177693

Office of Technical Services

(Engineering, TT, v. 6, no. 4)

61-25167

Aleksayan, A. P.
THE OPERATION OF CATALYTIC CRACKING UNITS.
[1961] 3p.
Order from ATS \$4.95 ATS-17N50R

I. Aleksayan, A. P.
II. ATS-17N50R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Trans. of Neftyanik (USSR) 1960, v. 5, no. 11,
p. 17-18.

DESCRIPTORS: Petroleum, Hydrocarbons, Decomposition, *Catalysis, Industrial plants, Operation.

1 7 1 1 3 2

Office of Technical Services

(Engineering--Chemical, TT, v. 6, no. 7)

61-25054

Mironov, D. M.
COMPLETION OF WELLS IN A BOTTOM WATER
DRIVE TYPE RESERVOIR. [1961] 4p.
Order from ATS \$5.35

ATS-72N52R

Trans. of Neftyanik (USSR) 1961, v. 6, no. 1, p. 8-10.

DESCRIPTORS: *Well drilling, Hydraulic reservoirs.

- I. Mironov, D. M.
- II. ATS-72N52R
- III. Associated Technical Services, Inc., East Orange, N. J.

170718

(Engineering, TT-6, No. 6)

Office of Technical Services

Pashaev, T. G.
NAPHTHALAN PETROLEUM. [1961] 4p.
Order from ATS \$8.45 ATS-99N53R

Trans. of Neftyanik (USSR) 1961, v. 6, no. 4,
p. 28-29.

DESCRIPTORS: *Naphthalenes, *Petroleum.

(Engineering--Chemical, TT, v. 7, no. 3)

62-12138

I. Pashaev, T. G.
II. ATS-99N53R
III. Associated Technical
Services, Inc., East
Orange, N. J.

ATS-99-5787

Office of Technical Services

Remote Level Measuring in Reservoirs, by
O. Kostyrev, 4 pp.

RUSSIAN, per, Neftyanik, No 11, 1961,
pp 16-17. 9678065

FTD-TT-62-849

Sci - Engr
Sep 62

211,092

Fainberg, A. S.
FLAMELESS-COMBUSTION BURNER. [1962] 2p.
Order from ATS \$2.00 ATS-62P58R

Trans. of Neftyanik (USSR) 1961, v. 6, no. 11, p. 23.
DESCRIPTORS: *Combustion chambers, Design.

(Engineering--Mechanical, TT, v. 8, no. 4)

62-17284

- I. Fainberg, A. S.
- II. ATS-62P58R
- III. Associated Technical Services, Inc.,
East Orange, N. J.

ATS RJ-3392

Office of Technical Services

A New Method for Drilling Oil Wells Using
Explosives, by E. M. Graf,
RUSSIAN, per, Neftyanik, Vol VIII, No 8,
1965, pp 30-31.
ATS RJ-4525

Sci-Mech,
Apr 67

321,585

63-10371

OIL COKING. [1962] 5p.
Available on loan from SLA

63-10371

Trans. from Neftyanoe Delo (USSR) 1903 [v. 5] no. 6.

DESCRIPTORS: *Petroleum, Organic materials,
Distillation, *Coke, Production, Coal, Mineral oils.

(Engineering--Chemical, TT, v. 9, no. 5)

Office of Technical Services

Sakhanov [A. N.] and Tilicheev [M. D.].
THE CRACKING OF HEAVY OILS AND MAZOUT.
[1962] [53]p. 23 refs.
Order from GTS or SLA \$5.00 65-10419

Trans. of Nef[yano]e Khoz[yaistvo] (USSR) 1926, v. 14,
p. 328-356.

DESCRIPTORS: *Petroleum, *Oils, Decomposition,
Fuel oils, *Gasoline, Coke, Production

(Engineering--Chemical, TT, v. 10, no. 1)

65-10419

I. Title: Mazout
I. Sakhanov, A. N.
II. Tilicheev, M. D.

Office of Technical Services

Butkov, N. A.
CRACKING (O Krzkinge). [1962] 9p. (foreign text
included).
Order from OTS or SLA \$1.10 63-10363

Trans. of Nefi[yanoel] Khoz[yaistvo] (USSR) 1928 [v. 16]
no. 11/12, p. 674-677.

DESCRIPTORS: *Hydrocarbons, Decomposition, Ther-
modynamics, Theory, Experimental data, *Gasoline.

(Engineering--Chemical, TT, v. 9, no. 12)

63-10363

1. Title: Cracking
I. Butkov, N. A.

Office of Technical Services

63-10418

Sakhanov, A. N. and Tilicheev, N. G.
THE EFFECT OF HIGH PRESSURE AND INTENSITY
OF CRACKING UPON THE YIELDS AND CHARAC-
TERISTICS OF CRACKED GASOLINE. [1962] 22p.
8 refs.

Order from OTS or SLA \$2.60 63-10418

Trans. of Neftyanoe Khozyaistvo (USSR) 1929, v. 16
[no. 2] p. 225-230.

DESCRIPTORS: *High-pressure research, *Hydro-
carbons, *Gasoline, *Decomposition, Chemical
properties, Physical properties.

(Materials--Fuels, TT, v. 9, no. 12)

I. Sakhanov, A. N.
II. Tilicheev, N. G.

Office of Technical Services

63-10411

Obryadchikov, S.
HEATING PETROLEUM IN TUBULAR HEATERS FOR
CRACKING. [1962] [13]p.
Available on loan from SLA

63-10411

I. Obryadchikov, S.

Trans. of Neft[yance] Khoz[yaistvo] (USSR) 1929
[no. 3] p. 357-361.

DESCRIPTORS: *Petroleum, Pyrolysis, *Heaters,
Towers (Chemistry).

(Engineering--Chemical, TT, v. 9, no. 7)

Office of Technical Services

63-10403

Yurkov, A. O.
REJECTION OF HOT PETROLEUM IN CONNECTION
WITH THE WATER CONTAINED. [1962] 6p.
Order from CTS or SLA \$1.10

63-10403

I. Yurkov, A. O.

Trans. of Nef[yano] Khoz[yaistvo] (USSR) 1929
[v. 17] no. 3, p. 362-363.

DESCRIPTORS: *Petroleum, Water, Heat, Chemical
reactions, Refineries, Quality control.

(Engineering--Chemical, TT, v. 10, no. 1)

Office of Technical Services

Kostrin, K. B.
WINKLER-KOCH PROCESS FOR CRACKING MAZOUT.
[1962] [26]p.
Available on loan from SLA

63-10341

Trans. of Neftyanoe Khozyaistvo (USSR) 1929, v. 17,
p. 520-530.

DESCRIPTORS: *Petroleum, *Refineries, Design,
Towers (Chemistry), Furnaces, Evaporators.

(Engineering--Chemical, TT, v. 9, no. 6)

63-10341

1. Title: Winkler-Koch
process
2. Title: Mazout
1. Kostrin, K. B.

Office of Technical Services

62-16408

Maksimov, M.

INVESTIGATIONS OF THE INTERRELATIONS OF
PRODUCTIVE LEVELS OF MAIKOP LIGHT OIL IN
CONNECTION WITH THE GENESIS OF THE BRANCH
SHAPE OF MAIKOP OIL POOL. [1962] [17 p. 9 refs.]
Order from OTS or SLA \$9.60 62-16408

I. Maksimov, M.

Trans. of Neftyanoe Khoz'yaistvo (USSR) 1929,
no. 11/12, suppl. [p. 813-834.].

DESCRIPTORS: *Petroleum, Sources, *Geology, *Well
drilling, Rock.

(Earth Sciences--Geology, TT, v. 8, no. 9)

Office of Technical Services

The Problem of the Quantitative Determination of
Aromatic Hydrocarbons in Cracked Gasoline, by
S. D. Filicheyev, M. P. Masina, 11 pp.

RUSSIAN, per, Neft Khoz, Vol XVIII, No 4, 1930,
pp 641-646.

Sci Tr Center
RT-1572

Scientific - Chemistry

SWA 63-14082
SLA IT-64-18557
CTS/DEX
18,764

62-18532

I. Sarkisov, G.

Sarkisov, G.
ON THE MECHANICAL RESISTANCE OF ROCK TO
DRILLING (O Mekhanicheskom Soprotivlenii Porod
Razburivaniyu). [1952] [15]p. (foreign text included)
1 ref.

Order from OTS or SLA \$1.60 62-18532

Trans. of [Azerbaidzhanskoe] Neftyanoe Khozaystvo
(USSR) 1932, no. 11, p. 15-18.

DESCRIPTORS: *Rock, *Well drilling, *Drills, Alloys,
Mechanical properties, *Drilling machines.

(Machinery, Fabrications and Accessory Equipment,
TT, v. 9, no. 8)

Office of Technical Services

Butkov, N. A., Rabinovich, E. I., and Kalpinski, T. P.
PYROLYSIS OF SURAKHAN PARAFFIN MAZOUT.
[1962] 23p.
Order from OTS or SLA \$2.60 63-10364

Trans. of Neft[yano] Khoz[yaistvo] (USSR) 1933, v. 25,
no. 6, p. 29-35.

DESCRIPTORS: *Petroleum, Methanes, Hydrocarbons,
Pyrolysis.

(Engineering--Chemical, TT, v. 10, no. 2)

63-10364

- I. Title: Mazout
- I. Butkov, N. A.
- II. Rabinovich, E. I.
- III. Kalpinski, T. P.

Office of Technical Services

63-14086

I. Korganov, L. L.

Korganov, I. I.
COMBATING THE PROBLEM OF PARAFFIN IN
PETROLEUM EXTRACTION. 5 Mar 57, 14p. (figs.
omitted) 4 refs.
Order from OTS or SLA \$1.60 63-14086

Trans. of Neftyanoe Khozaystvo (USSR) 1933, v. 25,
no. 10, p. 27-35.

DESCRIPTORS: *Waxes, *Fouling, Pipes, Oil tanks,
Pumps, Storage tanks, Decomposition, *Petroleum,
Refineries, Cleaning, Heating, Solvents, Chemicals,
Solubility, Production.

(Earth Sciences--Geology, TT, v. 10, no. 8)

Office of Technical Services

Nemtsov, M. S.
EFFECT OF PRESSURE UPON A CRACKING PRO-
CESS. [1962] 19p. 44 refs.
Order from OTS or SLA \$1. 60

63-10412

Trans. of Neftyanoe Khozjalstvo (USSR) 1933, v. 25,
no. 10, p. 41-45.

DESCRIPTORS: *Pressure, *Hydrocarbons, *Decompo-
sition, Gasoline, Stability, Antiknock.

(Engineering--Chemical, TT, v. 9, no. 12)

63-10412

I. Nemtsov, M. S.

Office of Technical Services

Kireev, V. A.
NOMOGRAM FOR CALCULATION OF THE
PRESSURE OF SATURATED VAPORS OF PE-
TROLEUM HYDROCARBONS. [1961] 3p. 2 refs.
Order from OTS or SLA \$1.10 61-18058

Trans. of Neftyanoe Khozayaistvo (USSR) 1934, v. 26,
no. 2, p. 67-68.

DESCRIPTORS: Petroleum, Hydrocarbons, Pressure,
Vapor pressure, Nomographs.

(Unannounced)

61-18058

L. Kireev, V. A.

Office of Technical Services

Borisov, P. P. and Shukin, N. I.
REPORTS OF INVESTIGATIONS CARRIED OUT BY
N. D. ZELINSKII ON THE CATALYTIC AROMATIZA-
TION OF PETROLEUM. [1962] Sp. 33 rubs.
Order from OTS or SLA \$1.10 63-10365

Trans. of Neftyanoe Khozyalstvo (USSR) 1934, v. 26,
no. 3, p. 42-43.

DESCRIPTORS: *Reports, Scientific research, *Pe-
troleum, *Catalysis, Platinum catalysts, Nickel cat-
alysts, Benzenes, Toluenes, *Hydrocarbons,
Dehydrogenation.

(Chemistry--Organic, TT, v. 9, no. 12)

63-10365

I. Borisov, P. P.
II. Shukin, N. I.
III. Zelinskii, N. D.

Office of Technical Services

Effect of Catalysts in Vapor Phase Cracking
by P. P. Borisov, M. V. Gaverdovskaya.
RUSSIAN, per, Neftyanoe Khozyaistvo,
Vol XXVI, 1934, No 10, pp 37-39.
CFSTI TT 61-16960

Jun 67

327, 274

TT-61-16993

Borisov, P. P., Gaverdovskaya, M. B., and
Epifanski, P. F.
CRACKING OF KEROSENE, SPINDLE, AUTOMOBILE
AND CYLINDER OILS IN THE PRESENCE OF
ALUMINUM CHLORIDE. 10p
Order from OTS, SLA, or ETC \$1.10 TT-61-16993

I. Borisov, P. P.
II. Gaverdovskaya, M. B.
III. Epifanski, P. F.

Trans. of Neftyanoe Khozyaistvo (USSR) 1935, [v. 27]
no. 1, p. 74-81.

(Engineering--Chemical, TT, v. 12, no. 4)

Office of Technical Services

Sheinman, A. B., Dubrovai, K. K. and others.
EXPERIMENTS IN UNDERGROUND GASIFICATION
OF OIL LAYERS UNDER NATURAL CONDITIONS
(Opyty po Podzemnoi Gazifikatsii Neftyanykh Plastov v
Prirodnykh (Isloviyakh). [1962] [58]p. (foreign text
included) 1 ref.

Order from OTS or SIA \$5.60

62-16669

Trans. of Neftyanoe Khozyaistvo (USSR) 1935, v. 28,
no. 4, p. 48-61.

DESCRIPTORS: *Petroleum, Sources, Well drilling,
Gases, Production, Thermodynamics, Combustion,
Recovery, Geology.

(Engineering--Chemical, TT, v. 9, no. 3)

62-16669

I. Sheinman, A. B.
II. Dubrovai, K. K.

Office of Technical Services

Lavrovskii, K. P., Nikolaeva and others.
THE EXPERIMENT CONCERNING THE APPLICATION
OF THE METHOD OF THE SO-CALLED "HYDRO-
GEN NUMBER" TO THE ANALYSIS OF PYROLYZED
BENZINE. [1963] [15]p. 26 refs.
Available on loan from OTS or SLA 63-10696

Trans. of Neftyanoe Khozyaistvo (USSR) 1935, v. 28,
no. 8, p. 65-69.

DESCRIPTORS: *Benzine, Pyrolysis, Chemical
analysis, *Hydrogenation, Catalysts, *Platinum
catalysts, Iodine.

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

63-10696

I. Lavrovskii, K. P.
II. Nikolaeva

Office of Technical Services

Gal'pern, G. and Vinogradova, E.
BROMOMETRIE VAN KÖÖLWATERSTOFFEN MET
OPLOSSINGEN VAN BROOM IN CHLOROFORM
VOLGENS MAC-ILLINEY (Determination of Bromine
Number in Hydrocarbons with Bromine Solutions in
Chloroform According to Mac-Illiney) 14p. 15 refs.
MTWL: 28. (text in Dutch).
Order from OTS or ETC \$1.85

61-17682

Trans. of Neftyanoe Khozyaistvo (USSR) 1936, no. 1,
p. 59-63.

DESCRIPTORS: *Hydrocarbons, *Bromination.
Titration, Chloroform, Solutions.

61-17682

- I. Gal'pern, G.
- II. Vinogradova, E.
- III. MTWL-28
- IV. Stichting Moelijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

The Main Working Principles of a New Type of
Rectifying Column (Podbielniak's System), by
S. N. Obyednikoff, V. S. Yablonskiy, 30 pp.

RUSSIAN, par, Neft Khim, No 6, 1936, pp 37-44.

ABC 100KR-2224

Sci
May 61

151,157

Catalytic Aromatization of Petroleum Hydrocarbons
Under Pressure, by N.A. Butkov, E.I. Ravinovich,
et al. 8 pp.
RUSSIAN, per, Neftyanoe Khozyaistvo, Vol 17, No 6,
1936, pp 48-54.
SLA TT-61-18079

Sci/Chemistry
Jul 66

305,984

The Moscow Petroleum Supply in the General Plan
of the City's Reconstruction, by G. S. Kolesnikov,
16 pp. UNCLASSIFIED

RUSSIAN, per, Neftyanoye Khozyaystvo, No 7,
1936, pp 15-20, Encl to IR-261-55, AFOIN-1A1,
5 Apr 1955. CIA D 208986

AF 659721

24,911

USSR
Economic -

CTS 69/Jun 55

Kaikin, M. O.
DEWAXING OF SURAKHANY LUBRICATING OILS
WITH SELECTIVE SOLVENTS. [1961] 5p
Order from OTS, SLA, or ETC \$1.10 TT-61-16604

Condensed trans. of Neftyanoe Khozyaistvo (USSR)
1936 [v. 17] no. 10, p. 60-63.

DESCRIPTORS: *Oils, *Lubricants, Waxes,
Separation, Solvents.

(Materials--Lubricants, TT, v. 11, no. 3)

TT-61-16604

I. Kaikin, M. O.

Office of Technical Services

Laboratory Method of Determination of the Stability
of Aviation Oils, by D. Ya. Kolomatskiy,
L. I. Stepantsov. 5 pp.

RUSSIAN, per, Neftyanoe Khozyaistvo, Vol 17, No 10
1936, pp 70-71.
OTS TT 61-18021

Sci/Propulsions & Fuels
Jun 67

327,700

Butkov, N. A. and Kolpenskaya, T. P.
PREPARATION OF AVIATION OILS BY HYDROGENA-
TION. [1961] 9p
Order from OTS, SLA, or ETC \$1.10 TT-61-16603

Trans. of Neftyanoe Khozaystvo (USSR) 1936
[v. 17] no. 11, p. 28-34.

DESCRIPTORS: *Airplane engine oils, Hydrogenation,
Airplane engines, *Lubrication, Viscosity.

(Materials--Lubricants, TT, v. 11, no. 3)

TT-61-16603

I. Butkov, N. A.
II. Kolpenskaya, T. P.

Office of Technical Services

Cracking of Ishimbaevo Mazut, by
I. D. Graner, E. V. Evstaf'eva.
RUSSIAN, per, Neftyanoe Khozyaistvo,
Vol XVII, No 12, 1936, pp 25-26.
CFSTI TT 61-18092

327, 276

Jun 67

Preparation of Fuel for the 1937 Sowing Campaign, by
L. M. Muratov, Moskva, 11 pp. UNCLASSIFIED

RUSSIAN, per, ~~ISS~~ Neftyanoe Khozyaystvo, No 3, 1937,
pp 6-10.

AF 637134

USSR
Economic-Agriculture
Scientific - Fuels

Nov 54 CTS/DEX

20,079

and Reforming the Principal Crudes of the
Soviet Union, by I. M. Klyatskin, 4 pp.
UNCLASSIFIED

RUSSIAN, per, Naft Khoz, No 9, 1937, pp 66-68,
Encl to AFDIN-1A1, Report No IR-193-55, 25 Feb
1955. CIA D 181355

AF 654426

24,270

USSR
Economic -
gasoline,
Petroleum

Jun 55 CTS/DEX

Two-Step Cracking of a Wide Fraction of Ishimbaevo
Oil, by S.N. Obryadchikov, G. Zubchenko. 7 pp.
RUSSIAN, per, Neftyanoe Khozyaistvo, Vol 17, No 12,
1936, pp 27-29.
SLA TT-61-16988

Sci/Chemistry
Jul 66

305,994

Kholodov, S. A. and Burdov, D. M.
SOLVENT REFINING OF RESIDUAL OILS. [1961]
11p 14refs
Order from OTS, SLA, or ETC \$1.60 TT-61-16605

Condensed trans. of *Neftyanoe Khozaystvo* (USSR)
1937 [v. 18] no. 10, p. 49-59.

DESCRIPTORS: *Lubricants, *Oils, *Solvent
extraction, Solvents, Distillation.

(Materials--Lubricants, TT, v. 11, no. 3)

TT-61-16605

I. Kholodov, S. A.
II. Burdov, D. M.

Office of Technical Services