

I. S. Liderman

An Apparatus for the Rapid Analysis of the Moisture
Content of Oil.

RUSSIAN, per, Khimiya i Tekhnologiya Topliva i
Masel, Vol 13, No 2, 1968, pp 57-58
NTC 72-13433-11H

Oct 72

Status of Oil Processing in Oil Fields
and Refineries of the Soviet Union, by
Ya. G. Sorkin, 15 pp.

RUSSIAN, per, Khimiya i Tekhnologiya
Topliv i Masel, Moscow, No. 3, 1968,
pp. 1-7.
JPRS 45,387

Sci-Fuels and Propulsion
May 68

357,838

Heat Effects in Catalytic Cracking, by
D. D. Orochko.
RUSSIAN, per, Khim i Tekh Topliv i Masel,
No 3, 1968.

International Chemical Engineering
Available from Am Inst of Chem Engrs
Vol 9, No 2, Apr 1969

ATS RJ-5400 3p 8-10

June 69

383,456

Some Problems in the Mathematical
Description of the Hydrocracking
Process, by S. A. Altshuler.
RUSSIAN, per, Khimiya i Tekhnologiya
Topлива i Masel, Vol 13, No 3, 1968,
pp 14-16.
NTC 72-10448-07A

Apr 72

Technological Layout for an Oil Refinery,
by I.S. Vol'fson, et al., 5 pp.
RUSSIAN, per, Khimiya i Tekhnologiya Topliv
i Masel, No. 3, Moscow, 1968, pp. 36-37.
JPRS 45,387

Sci-Propulsion and Fuels
May 68

357,837

Diesel Fuel From Mangyshlak Crude, by
M. G. Mitrofanov, F. A. Berezyuk, 7 pp.
RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
Magel, No 4, 1968, pp 19-21.
JPRS 45,613

Sci/Prop & Fuels
Aug 68

361,360

Oil Processing Prior to Refining, by
Ya. I. Pincovskiy. 9 pp.
RUSSIAN, per. Khimiya i Tekhnologiya Topliv i
Magel, No 4, 1968, pp 29-32.
JPRS 45,613

Sci/Prop & Fuels
Aug 68

361,361

Satisfying the Seasonal Demand for Petroleum
Products, by V. S. Alimov, V. I. Gubernskiy,

7 pp.

RUSSIAN, per, Khimiya i Tekhnologiya Topliv i

Mazut, No 4, 1968, pp 35-37.

JPRS 45,613

Sci/Prop & Fuels
Aug 68

361,362

Extraction of Alkyl Phenolic Additives
From Oil Solutions by Dialysis, by
Ya. M. Slobodin.
RUSSIAN, per, Khimiya i Tekhnologiya
Topliya i Masel, No 4, 1968, pp 55-57
NTC 72-11559-07A

June 72

Report on Soviet Petroleum and Petrochemical
Industry, 6 pp.
RUSSIAN, per, Khimiya i tekhnologiya topliv i
masel, No 5, 1968, pp 1-3.
JPRS 45849

Sci-Propulsion & Fuels
Sept 68

362,432

Certain Factors Determining Antioxidant
Capacity of Phenol Compounds, by
Ye. A. Agayeva, N. L. Babayeva.
RUSSIAN, per, Khimiya i Tekh Topliv i
Masel, No 5, 1968, pp 11-13.
FTD-S-406 50-69

Mar 69

376,351

Manufacture of Lithium Greases on a Continuous Production Scale, by Ya. A. Smyotanko, G. G. Vibner. RUSSIAN, per, Khim i Tekh Topliv i Masel, No 5, 1968, pp 20-23.
FTD-S-~~487~~ 52-69

Mar 69

376,352

Hydrocarbon-Silica Gel Greases, by
Ya. D. Makeyeva, T. K. Ostrovskaya.
RUSSIAN, per, Khimiya i Tekhnologiya
Topliv i Masel, No 5, 1968, pp 23-25.
FTD-S-~~107~~ 65-69

Mar 69

375,458

Pigment Grease Thickeners as Antioxidants
for Polysiloxanes, by R. I. Kobzova,
Ye. M. Oparina.

RUSSIAN, per, Khimiya i Tekhnologiya
Topliv i Masel, No 5, 1968, pp 26-27.

FTD-S-~~346~~ 63-609

Mar 69

375,457

Synthesis and Study of Lubricating Properties of Trialkylphosphine Oxides, by A. F. Pavlenko, V. D. Zozulya. RUSSIAN, per, Khim i Tekh Topliv i Masel, No 5, 1968, pp 28-31.
FTD-S-~~490~~ 18-69

Mar 69

377,510

Development of Siberian Petrochemical Industry,
by V. M. Andrianov, R. B. Nosova, 10 pp.
RUSSIAN, per. Khimiya i Tekhnologiya Topliv i
Gazol, May 1968, pp 36-40.
JPRS 46018

Sci-Mech Engr
Aug 68

363,793

The Aftereffect of Lubricants Containing
Additives, by S. V. Ventsel'.
RUSSIAN, per, Khimiya i Tekh Toplivo i
Masel, No 5, 1968, pp 47-50.
FTD-S-~~429~~ 57-69

Mar 69

377,233

Lubricants for Titanium-Titanium friction
Couples, by V. P. Dubinkin, V. S. Polyakov.
RUSSIAN, per, Khimiya i Tekh Topliv i
Masel, No 5, 1968, pp 50-53.
FTD-S-~~407~~ 20-69

Apr 69

378,062

Some Results of the Application of the
Additive Akor-1, by V. P. Kalashnikov.
RUSSIAN, per, Khimiya i Tekhnologiya
Topliv i Masei, No 5, 1968, pp 53-57.
FTD-S-~~365~~ 53-57

Mar 69

376,165

Method of Determining Solid-Phase Particles
in Fuels, by G. F. Bol'shakov,
V. L. Litvinov.
RUSSIAN, per, Khim i Tekh Topliv i Masel,
No 5, 1968, pp 58-61.
Dept of Navy APL/JHU T-2244

NTC 72-11558-210

Sci-Prop & Fuel
Mar 69

388,643

A Study of the Contact Pyrolysis of Heavy Feed-
stock in a Reactor with a Ascending Heat Carrier
Stream, by D. N. Tmenov.
RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol 13,
No 7, 1968, pp 7-10.
ATS RJ-5155

Sci-Phys
July 69

385,526

On the Determination of the Heat
of Reaction Effect of Hydrorefining
and Hydrogenation Processes of
Petroleum Products, by K. N. Badyshova.
RUSSIAN, per, Khimiya i Tekhnologiya
Topliva Masel, Vol 13, No 7, 1968,
pp 14-16
NTC 72-11562-07A

June 72

On the Control of the Reaction
Quality of Oil, by B. M. Gomosov.
RUSSIAN, per, Khimiya i Tekhnologiya
Topliya i Massl, No 7, 1968,
pp 38-40
NTC 72-11561-21D

June 72

Some Features of the Mechanism of
the Detergent Effect of Succinmides,
by I. F. Blagovidov.

RUSSIAN, per, Khimiya i Tekhnologiya
Topliya i Masel, No 7, 1968, pp 41-45
NTC 72-11560-11H

NLL RES: 9022.9 (-1147)

June 72

Sci/mat

380,775

Stepping Up the Process of Petroleum Oxidation, by R. V. Katrush.
RUSSIAN, per, Khim i Tokh Toplivo i Masel,
No 8, 1968. *pp 13-14*
International Chemical Engineering
Available from Am Inst of Chem Engrs

June 69

383,452

The Relationship between Reliability of
Engine Operation and Additive Depletion,
by K. S. Ramaya, I. A. Traktovenko.
RUSSIAN, per, Khim i Tekh Topliv Masel, No
8, 1968, pp. 44-8.
NLL Ref: 9022.9 (1148)

Sci-Mech
July 69

388,357

Successful Use of a Large Delayed Coking
Unit Operating On Mangyshlak Residua, by
Z. I. Syunyayev.
RUSSIAN, per, Khin i Tekh Topliv i Masel,
No 10, 1968.
International Chemical Engineering
Vol 9, No 2, Apr 1969
Available from Am Inst of Chem Engrs

June 69

383,482

The Effect of Floating Spherical Packing on
the Distribution of the Gas Residence Time
in a Fluidized Bed, by I. D. Goykhmann.
RUSSIAN, per, Khim i Tekh Toplivi Masel,
No 10, 1968.

International Chemical engineering
Vol 9, No 2, Apr 1969
Available from Am Inst of Chem Engrs

June 69

383,462

Method of Determining the Intensity of
Longitudinal Mixing of Free-flowing
Materials in Flow-through Apparatus, by
V. N. Ivanets.
RUSSIAN, per, Khim i Tekh Toplivo i Masel,
No 10, 1968.
International Chemical Engineering
Available from Am Inst of Chem Engrs

June 69

383,450

Obtainment of Substituted Esters of Phosphorous
Acid-Antioxidants of Oils, by V. K. yusev. 6 pp.
RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
Masel, No 11, 1968, pp 14-17.

FTD S-~~881~~ 343. 69

343-69

aug 69

389,754

Effect of Association of Organosulfur Com-
pounds with Aromatic Hydrocarbons on the
Oxidation Stability of Lube Oil, by
I. A. Rubinsteyn.

RUSSIAN, per, Khim i Tekh Topliv i Masel,
Noll, 1968.

International Chemical Engineering

Vol 9, No 2, Apr 1969

Available from Am Inst of Chem Engrs

ATS-RJ-5691

June 69

383,480

Oil Refining Industry's 1969 Plan Cited, by
D. I. Notkin, 5 pp.
RUSSIAN, per, Khimiya i Tekhnologiya Topliv
i Magel, Moscow, No 1, 1969, pp 1-3.
JPRS 47,603

Sci-Mech, Ind, Civ & Mar Engr
Mar 69 378,133

A Study of the Principal Conversions of Hydrocarbons During Hydrocracking, by V. A. Khavkin.
RUSSIAN, per, Khim i Tekhnol Topliv i Masel,
Vol 14, No 1, 1969, pp 7-10.
ATS RJ-5394

Sci-Chem
June 70

Adsorption of Normal Alkanes C₁₀-C₂₈ from
Isocetane Solution on CaA Zeolite, by
M. I. Fal'kovich, Yu. A. Yeltekov.
RUSSIAN, per, Khimiya i Tekhn Topliv i Masal,
No 2, 1969, pp 10-14.
NTC-69-16431-07C

Sci-Chem
Feb 70

402,925

Polyorganosiloxanes as Anti-microbe Components
of Hydrocarbon Lubricants, by G. P. Girgor'yeva,
et al.

RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
masel, No 2, 1969, pp 22-23.

FTD HT Special 567-69

nov 69

395,410

Potentiometric Titration of Diesel Oils,
by S. P. Adamenko.
RUSSIAN, per, Khimiya i Tekhnologiya
Topliya i Masel, Vol 74, No 2, 1969,
pp 53-56.
NTC 72-10109-11H

Apr 72

Structural Study of the Alkyl Phenols which form
in the Alkylation of Phenol with Propylene Trimer
by Molecular Spectroscopy and Thin-layer Chroma-
tography, by T. N. Piliyev.

RUSSIAN, PER, khim i Tekhnol Topliv i Masel, Vol 14,
No 3, 1969, pp 19-25.

ATS RJ-53-86

Potentialities of Hydrocracking Process
Analyzed, by L. I. Yerkina, S. A. Feygin,
9 pp.

RUSSIAN, per, Khimiya i Tekhnologiya Topliv
i Masel, Moscow, No 3, 1969, pp 29-33.

JPRS 47930

ATS RJ-5395

Sci-Energy Conv (Non-Prop)

May 69

381,899

Analysis of Fixed Assets on Oil Industry Cited,
by O. D. Lukshina, 8 pp.
RUSSIAN, per. Khimiya i Tekhnologiya Topliv i
Masel, Moscow, No 3, 1969, pp 33-36.
JPRS 48110

USSR
Econ
June 69

383,625

Automation of Additive Production Advocated,
by L. K. Vasserman, 9 pp.
RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
Masel, Moscow, No 3, 1969, pp 44-47.
JPRS 47956

Sci-Mat
May 69

381,585

Hydrorefining Ensures High-Grade Gasoline,
by A. S. Eygenson, G. A. Berg, 11 pp.
RUSSIAN, per, Khimiya i Tekhnologiya Topliva
Magaz, Moscow, No 4, 1969, pp 1-5.
JPRS 48247

Sci-Mat
Jul 69

384,995

Hydrogen Refining of Liquid Pyrolysis Products
to Obtain Aromatic Hydrocarbons, by A. D. Berents.
RUSSIAN, per, Khim i Tekhnol Toplir i Masel, Vol 14,
No 4, 1969, pp 6-9.
ATS RJ-5384

Sci-Chem
June 70

Continuous Catalyzed Oxidation of Liquid Parafins
in the Presence of Water, by V. K. Tsyakovskiy.
RUSSIAN, par, Khim i Tekhnol Topliv i Masel,
Vol 14, No 4, 1969, pp 262-29.
ATS RJ-5375

pp 26-29

Sci-Chem
June 70

Performance Properties of Trimethylolpropane
Esters as Synthetic Lubricating Oils, by
T. M. Itsikson, et al.
RUSSIAN, per, Khim. Tekhnol. Topl. Masel, 1969,
Vol 14, No 4, pp 47-49.
FTD HT Special 57-70

mar 70

404,485

ATS

RJ-5684 DESULFURIZING ABILITY OF AN ALUMINOSILICATE CATALYST, M. E. Levinter et al., Khim. Tekhnol. Topl. Mass 14, No. 6, 15-16 (1969). S content of catalytically cracked gasoline correlated with catalyst structure, severity of cracking, carbon yield, etc.
900 W; 1 F; 1 R \$ 5.50 (\$1.00)

E. P. GLOMSEN

A Study of the Changes in Quality and Group
Composition of Asphalts From Continuous and
Batch Oxidation,

RUSSIAN, per, Khimiya i Tekhnologiya Topliva i
Masel, Vol 14, No 6, 1969, pp 23-26.

NTC 72-13805-07A

Nov 72

Organizing the Preparation of Oil Refining, by
K. A. Bayrak, Ya. G. Sorokin, 7 pp.
RUSSIAN, por. Khimiya i Tekhnologiya Topliv i
Masel, Moscow, No 6, 1969, pp 58-60.
JPRS 48586

Sci-Mat
Aug 69

390,348

Migration of Carbon Atoms During the Crystallization
of Boron-Carbon Compositions, by V. P. Samsonov.
RUSSIAN, per, Khimiya Tverdogo Topliva, No 6, 1969,
pp 124-127.
NTC-71-10186-20B

Nov 71

Growth of Far East Oil Refining to Cut Deficit,
by V. I. Guvernskiy, 5 pp.
RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
Magel, Moscow, No 7, 1969, pp 28-30.
JPRS 48737

USSR
Ecn
Sept 69

380.288

Reorganization of Incentive Fund Discussed,
by D. Ya. Andreyev, E. N. Prolova, 7 pp.
RUSSIAN, per. Khimiya i Tekhnologiya Topliv i
Masel, Moscow, No 8, 1969, pp 28-31.
JPRS 48901

USSR
Econ
Oct 69

392,023

Investigation of the Wear Resistance of
Briquetted Lubricants of Molybdenum Disulfide
Base, by I.M.Dyachek.
RUSSIAN, per, Khimiya i Tekhnologiya Topliva i
Masel, vol. 14, no. 8, 1969, pp. 54-56.
NTC 70-16952-1111

July 71

Device for Determining the Adhesion of Solid
Lubricant Coatings to Metallic Surfaces,
by L.N.Petrova.

RUSSIAN, per, Khimiya i Tekhnologiya Topliva i
Masel, vol. 14, no. 9, 1969, pp. 58-61.

NTC 70-16953-11H

July 1971

V. I. Kurzhev

Production of High-V. I. Oils by Hydrocracking
a Paraffinic Feedstock.

RUSSIAN, per, Khimiya i Tekhnologiya Topliva i
Masel, Vol 14, No 10, 1969, pp 1-6.

NTC 72-13896-11H

Nov 72

Petroleum Refining Industry Plans Described, by
D. I. Norkin, 6 pp.
RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
Masel, Moscow, No 1, 1970, pp 1-6.
JPRS 50284

Sci/Prop & Fuels
Apr 70

Classification of Refined Petroleum Dis-
cussed, by G. I. Gutsayt, D. D. Davydov,
8 pp.

RUSSIAN, per, Khimiya i Tekhnologiya Tverdykh
L'vov, Moscow, No 1, 1970, pp 33-35.
JPRS 50234

Sci-Prop & Fuels
Apr 70

405, 124

Evaluation of the Efficiency of Vacuum
Fractional Distillation Apparatus, by
R. V. Koren.

RUSSIAN, per, Khimiya i Tekhnologiya Topliva
i Masel, Vol 15, No 2, 1970, pp 41-43.
NTC-71-15648-07A

Feb 72

The Oxidation of Paraffin to Fatty Acids .
Effect of a K-Mn Catalyst on Accelerating
the Conversion of Intermediate Products
During Oxidation, by A.A. Perchenko.
RUSSIAN, per, Khimiya i Tekhnologiya Topлива
i Masel, vol. 15, no. 3, 1970, pp. 19-22.
NTC 70-16948-07C

A75

HJ-5709 DEVELOPMENT OF A MATHEMATICAL MODEL OF THE PROCESS
OF PYROLYSIS IN A REACTOR WITH A RISING STREAM OF
HEAT CARRIER, F. M. Abdullaev et al., Khim. Tekhnol.
Topl. Masel 15, No. 3, 40-2 (1970). Data from a
semicommercial unit cracking diesel fuel over
quartz sand was worked up by the probability-sta-
tistical method.
1400 W; 4 T; 5 R

\$ 7.35 (\$1.40)

Investigation of the Efficiency of the VNI HP-213
Solid Lubricating Coating, by
G. V. Kurilov, et al. 9 pp.
RUSSIAN, per. Khimiya i Tekhnologiya Tverdykh i
Mazel (Chemistry and Technology of Solids and In-
tericants), Vol 15, No 3, 1970, pp 49-53.
ATR/FTD/MT-24-278-70

July 71

Extraction of Arenes With 1-Nitro-2 Methyl-2-Propanol in a Rotary Annular Column, by I. N. Diyarov.

RUSSIAN, per, Khimiya i Tekhnologiya Tsellyulozy i Masel, Vol 15, No 5, 1970, pp 29-30.

NTC-71-15649-07A

Feb 72

KOZHEMYAKINA, N.N.

A Study of phosphorus based acid esters a
additives for lubricating oils.
RUSSIAN, per, KHIMIYA I TEKHNLOGIYA TOPLIV I
MASEL, no. 5, 1970, pp 31-36.
FTD HS 23-71-1150

ATS

RJ-5685 KINETICS OF REDUCTION OF SYNTHETIC FATTY ACIDS TO ALCOHOLS ON SUSPENDED Cu-Cr-Ba CATALYST, V. I. UL'yanenko and V. I. Karzhev, Khim. Tekhnol. Topl. Masel 15, No. 6, 12-17 (1970). Reaction rate constants evaluated & eqs. developed on the basis of experimental data.
3500 W; 5 T; 4 F; 11 R \$14.90 (\$2.25)

Determination of the Individual Composition of
Arenes Without their Preliminary Separation from
Petroleum Fractions, by A. N. Denisenko
RUSSIAN, per, Khimiya i Tekhnologiya Topliwa i
Masel, Vol 15, No 7, 1970, pp 54-58
NTC 71-16766-07C

Feb 72

Study of the Features of Catalytic
Cracking in a Multistage Countercurrent
Reactor by Collecting Samples at Inter-
Mediate Stages, by R. S. Livshits.
RUSSIAN, per, Khimiya i Tekhnologiya
Topliya i Masel, Vol 15, No 9, 1970,
pp 17-21.
NTC 72-10056-07A

Apr 72

Improved Efficiency in Oil Refinery Construction
Analysed, by Yo. A. Shupliro, 7 pp.
RUSSIAN, for, ANALYSIS OF FOREIGN ASSETS
Engel. Moscow, No 9, 1970, pp 26-32.
JPRS 51635

Sci.-Energy Conv (non-prop)
Nov 70

Analysis of the Performance of the
Stripping Section of a Catcracking
Reactor, by M. A. Tanatarov.
RUSSIAN, per, Khimiya i Tekhnologiya
Topliya i Masel, Vol 15, No 11, 1970,
pp 34-37.
NTC 72-10825-07A

Apr 72

B. A. Englin

The Luminometric Numbers (LN) of Individual
Hydrocarbons and Jet Fuels.

RUSSIAN, per, Khimiya i Tekhnologiya Topliva i
Masel, Vol 15, No 11, 1970, pp 52-56
NTC 72-12615-21B

sept 72

The Synthesis of C_4-C_{10} Aliphatic Dicarboxylic
Acids by the Oxidation of Liquid n-Parafins, by
V. K. Tsyskovskii.
RUSSIAN, per, Khimiya i Tekhnologiya Topliva i
Masel, Vol 15, No 12, 1970, pp 14-18.
NFC-71-16182-07C

Jan 72

Shortcomings of Petroleum Refining and Petro-
chemical Industry Noted, by V. S. Fedorov, 7 pp.
RUSSIAN, par. Khimya i Tekhnologiya Topliva i
Gasel, Moscow, No 1, 1971, pp 1-7.
JPRS 52679

USSR
Econ
Mar 74

M. E. Lavinter

Theoretical Principles For Designing Cracker
For Vacuum Gas Oil.

RUSSIAN, per, Khimiya i Tekhnologiya Topliva i
Masel, Vol 16, No 1, 1971, pp 16-20
NTC 72-12616-07A

sept 72

Some Performance Characteristics
of Various Detergent Additives,
by I. F. Blagovidov.
RUSSIAN, per, Khimiya i Tekhnologiya
Topliv i Masel, No 1, 1971,
pp 37-40
NTC 72-11997-11K

June 72

Design of Gas Distribution Grid in Equipment with
Fluidized Catalyst Bed, by I. M. Razumov.
RUSSIAN, per, Khim Tekhnol Topl Masel, Vol 16, No 2,
1971, pp 32-35.
ATS-RJ-5821
NTC 72-60210-07A

April 72

An Approximation Method for Calculating
the Basic Parameters of Multicomponent
Fractionation, by Yu. K. Molokanov.
RUSSIAN, per, Khimiya i Tekhnologiya
Topлива (L. Masal), Vol. 6, No. 1, 1971,
pp 36-39
NTC 72-60211-07A

July 72

Optimality Criteria in Problems of Current Planning
of Petroleum Refining, by A. B. Mandel.
RUSSIAN, per, Khim Tekhnol Topl Masel., Vol 16, No 4,
1971, pp 28-29.
ATS-RJ-5851

NTC 92-60213-219

Apr 72

A Mathematical Model of Platforming With Selection of
Rate Constants for Each Reactor, by V. I. Fainerman.
RUSSIAN, per, Khim Tekhnol Topl Masel., Vol 16, No 4,
1971, pp 32-36.
ATS-RJ-5850

NTC 72-60249-07H

App 77

Petroleum, Petrochemical Production Discussed,
10 pp.
RUSSIAN, per, Khimiya i Tekhnologiya Tsellyulozy i Papira,
Moscow, no 5, 1971, pp 1-10.
JPRS 59427

July 71

Certain Problems in the Further
Development of the Catalytic Reforming
Process, by G. N. Maslyanskii.
RUSSIAN, per, Khimiya i Tekhnologiya
Topliya (i Masel), Vol 16, No 5, 1971,
pp 10-14
NTC 72-60230-07A

July 72

Kukanova, K. P.

The Separation Of Individual Hydrocarbons
From The 230-290°C Fraction Of UST'-Balyk
Petroleum By The Method Of Upper Complexing
KHIMIYA I TEKHOLOGIYA TOPLIVA I MASEL,
Vol. 16, No. 10, 1971, pp 28-29
NTC-72-14631-07C

Feb 73

Progress of Petroleum Refining Industry Described,
by D. I. Kotkin, 5 pp.
RUSSIAN, per. Khimiya i Tekhnologiya Konyu i
Engel, Moscow, No 11, Nov 1971, pp 1-5.
JPRS 50803

Jan 72

Cost Pricing Overall Processes of Petroleum
Refining, by A.M. Zeninskiy, I. Z. Nurmukhamstova.

11 pp.

RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
Masel, Moscow, No 11, 1971, pp 27-31.

JPRS 55257

Feb 72

Formulation of the Task of an Optimal Control
of the AVT Assembly, by E. N. Nikiforova, 9 pp.
RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
Masel, Moscow, No 11, 1971, pp 31-34.
JPRS 55257

Feb 72

Minister Analyzes Past and Future of Petroleum
Industry, by V. S. Fedorov, 10 pp.
RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
Nasel, Moscow, No 3, Mar 1972, pp 1-6.
JPRS 55846

May 72

Economic Practices in Petroleum-Refining Industry
Analysis, by Ye. A. Shapiro, 9 pp.
RUSSIAN, per, Khimiya i Tekhnologiya Toplyu i Masel,
Moscow, No 4, 1972, pp 29-33.
JPRS 56152

June 72

Treating Crudes at Oil Fields Urged, to Reduce
Water Pollution, by K. A. Bayrak, 9 pp.
RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
Masel, Moscow, No 8, 1972, pp 1-5.
JPRS 57052

Sept 72

Yield and Profitability in Oil Refining Industry,
by M. M. Umanskiy, 7 pp.
RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
Masel, Moscow, No 8, 1972, pp 35-37.
JPRS 57052

Sept72

The Interaction of Molybdenum with Nitrogen and
the Effect of Nitriding on the Properties of
Molybdenum Alloys, by Ya. D. Kogan, 15 pp.

RUSSIAN, per, Khimiko-Termicheskaya Obrabotka
Stali i Splayov, No 6, 1969, pp 28-40.

AIR/FTD-MT-24-43-71

Sept 71

A Study of Aluminosiliconized Diffusion Layers on
Nickel-Chromium Alloy, by G. V. Zemskov,
R. P. Kogan, et al. 7 pp.
RUSSIAN, per, Khimiko-Termicheskaya Obrabotka
Stali i Splavov, No 6, 1969, pp 96-100.
AIR/FTD/IT-23-845-70

April 71

Comparative Wear Resistance of Diffusion Layers,
by L. G. Voroshnin, L. S. Lyakhovich, 9 pp.
RUSSIAN, per, Khimiko-Termicheskaya Obrabotka
Stali-i Splayov, 1969, pp 138-144.
AIR/FTD-MT-24-44-71

Sept 71