

Vior, C.

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ROMANIA

POPESCU-BARAN, M., Dr. CIORBA, Gr., Dr. IONICA, C., Dr.
 TUDORIU, C.D., Dr. VIOR, C., Veterinarian, ENU, Eug., Veteri-
 narian, MARCEA, E., Veterinarian, JIVOLB, P., Dr. GAMBIR, S.,
 Dr. NITOIU, E., Dr. and PREDOIU, I., Dr. of the "Pasteur"
 Veterinary and Biological Products Research Institute (Ins-
 titutul de Cercetari Veterinara si Biopreparate "Pasteur",
 GREANCA, E., Dr. FAUR, Ga., Veterinarian, and GIACONU, M.,
 Veterinarian, of the Scientific Control Laboratory for Bio-
 logical Products and Drugs for Veterinary Use (Laboratorul
 de Control Stiintific al Produselor Biologice si Medicamen-
 toase de Uz Veterinar), and VOINOV, S., Dr. of the Central
 Agricultural Research Institute (Institutul Central de
 Cercetari Agricole).

"Improvement of Animal Tuberculosis Allergical Diagnosis in
 Rumania by Single and Simultaneous Tests Using Purified
 Tuberculine (PPD)."

Eucharest, Revista de Zootehnie si Medicina Veterinara,
 Vol 13, No 1, Jan 1963, pp 50-55.

1/2

ROMANIA

Bucharest, Revista de Zootehnie si Medicina Veterinara,
Vol 13, No 1, Jan 1963, pp 50-53.

Abstract: [Author's English summary modified]: Two types of purified tuberculin (PPD) were prepared; that for mammals was standardized to a content of 100,000 T.U./ml, and that for birds to 25,000 T.U./ml. The results of large-scale tests on epizootically different animals permitted the practical application of the single tuberculin test with PPD to cattle, pigs and birds. The use of PPD allowed the introduction of the simultaneous testing of cattle for tuberculosis diagnosis, bringing about a clarification of the tuberculin reactions, a saving of time and the fact that only the animals suffering from tuberculosis, among those reacting to tuberculin, have to be sacrificed. Includes 1 Russian, 7 Western and 11 Rumanian references.

2/2

MUNTEANU, Romeo; IONESCU-TIU, C.; IACOB, E. St. (Brasov);
BEBEA, N. (Tirgoviste); VIOREL, Grigore (Eforie)
Capitan, Gh. I. (Anina).

Exercises and problems proposed for grades 5-8.
Gaz mat B 15 no. 6:270-272 Je '64.

1. Pedagogic Institute, Bucharest (for Munteanu).

VIORTEL, M.

"In step with the new technique" by H.Valentin. Reviewed by M.
Viorel. Munca sindic 6 no.7:60 J1 '62.

VIORL, M.

"The quality of products" by Nicolae Schwartz. Reviewed by M.
Viorel. Munca sindic 6 no.7:60-61 J1 '62.

ZAMFIRESCU, T. (Bucuresti); ATANASIU, Ionel (Focsani); VIOREL,
Voda Gh. (Bucuresti); SIMIONESCU, Gh. D.; VASILESCU, C.
(Ploiesti); BANICA, Octavian (Gimpulung-Muscel); BUICLIU,
G.; DORIN, Alexandru (Bucuresti); IOAN, Filip, prof.
(Sacadat)

Solved problems. Gas mat B 15 no. 5:209-218 May '64.

SORA, Ion; VIORICA, Anton, conf. ing.; GYULAI, Francisc, conf.

Ventilation of closed asynchronous engines corresponding to the
0,6-100 kw power range. Electrotehnica 12 no.4:121-124 Ap '64.

1. Chief Planning Engineer, "Electromotor" Plant, Timisoara (for
Sora). 2. Chair of Hydraulic Machines, Timisoara Polytechnic
Institute (for Viorica, Gyulai).

VIORICA, F

VIORICA, Florya [Viorica, F.] (Bukharest, Rumanskaya Narodnaya Respublika);
DEMETRESKU, Yelena [Demetrescu, E.] (Bukharest, Rumynskaya Narodna-
ya Respublika)

Quantitative ion exchange determination of alkaloids. Apt.delo
9 no.2:77-86 Mr-Ap '60. (MIRA 13:6)

1. Iz laboratorii kontrolya medikamentov Nauchno-issledovatel'-
skogo farmatsevticheskogo instituta.
(ION EXCHANGE) (ALKALOIDS)

VIOSZ, Laszlo, okleveles villamosmernok, fomernek

Electric equipment of cranes. Elektrotechnika 56 no.11/12:
527-533 N-D'63.

1. Villamosgép- és Kabelgyár; Egyesült Villamosgépgyár igaz-
gatója, Budapest, X., Gyomroi ut 128.

VIPAVEC, Stanko

Organization and function of technical documentation in enter-
prises. Nova proizv 14 no.5/6:420-422 0 '63

VIPAVEC, Stanko

Archives of technical drawings, and decimal classification.
Nova proizv 14 no.2:137-138 My '63.

VIPAVEC, Stanko

Organization of the service of technical documentation in machine-
building enterprises. Nova proizvod 13 no.6:418-426 D '62.

VIPPER, A.; BELOVA, S.

Effect of oil additives on the formation of oil residues in
carburetor engines. Avt. transp. 36 no.3:11-13 Mr '58. (MIRA 11:3)
(Automobiles--Lubrication)

VIOR, C.

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees: -Veterinarian-

Affiliation: Institute of Pathology and Animal Hygiene (Institutul de Patologie si Igiena Animala).

Source: Bucharest, Probleme Zootehnice si Veterinare, Vol XI, No 10, Oct. 1961, pp 40-47.

Data: "Experimental Studies on the Transmission of Aviary B. Tuberculosis Through the Egg."

Vior, C

STOENESCU, V.
~~STOENESCU (in copy); Given Name~~

7

Country: Rumania

Academic Degree: Dr.

Affiliation: Institute of Pathology and Animal Hygiene (Institutul de Patologie si Igiena Animala)

Source: Bucharest, Probleme Zootehnice si Veterinare, No 5, 1961, pp 54-61.

Date: "Investigations on the Prevention and Combatting of Paratyphoid Fever in Birds."

Co-authors:

SANDULESCU, St., Veterinarian, Institute of Pathology and Animal Hygiene (Institutul de Patologie si Igiena Animala).

VIOR, C., Veterinarian, Institute of Pathology and Animal Hygiene (Institutul de Patologie si Igiena Animala).

MACHE, A., Dr., Department of State Farms (Departamentul O.A.S.).

Vior, G.
SUMMARY REPORT

Country: Rumania

Academic Digest:

Publication: Institute of Pathology and Animal Hygiene (Institutul de Patologie si Igiene Animale).

Source: Bucharest, Probleme Zootehnice si Veterinare, Vol XI, No 9, Sep 1961, pp 40-49.

Date: "Experimental Studies on the Medical Drug Treatment of Paratyphoid in Chicks."

Authors:

SPORNICU, V., -Dr.-
SANDULESCU, St., -Veterinarian.-
Vior, G., -Veterinarian.-

GPC 582643

VIPAVEC, Stanko

Some suggestions for developing documentation and information
service in a specialized field; methods of key places. Nova
proizv 15 no.1/2:87-95 '64.

OBLEUKHOVA, O., inzh.; VIPPER, A., kand.tekhn.nauk; PROTASOV, V., inzh.;
TRUBINSKAYA, R., inzh.

Effect of a centrifugal cleaning on the extraction of
additives from oils. Avt.transp. 38 no.8:20-22 Ag '60.
(MIRA 13:8)

(Automobiles--Engines--Oil filters)

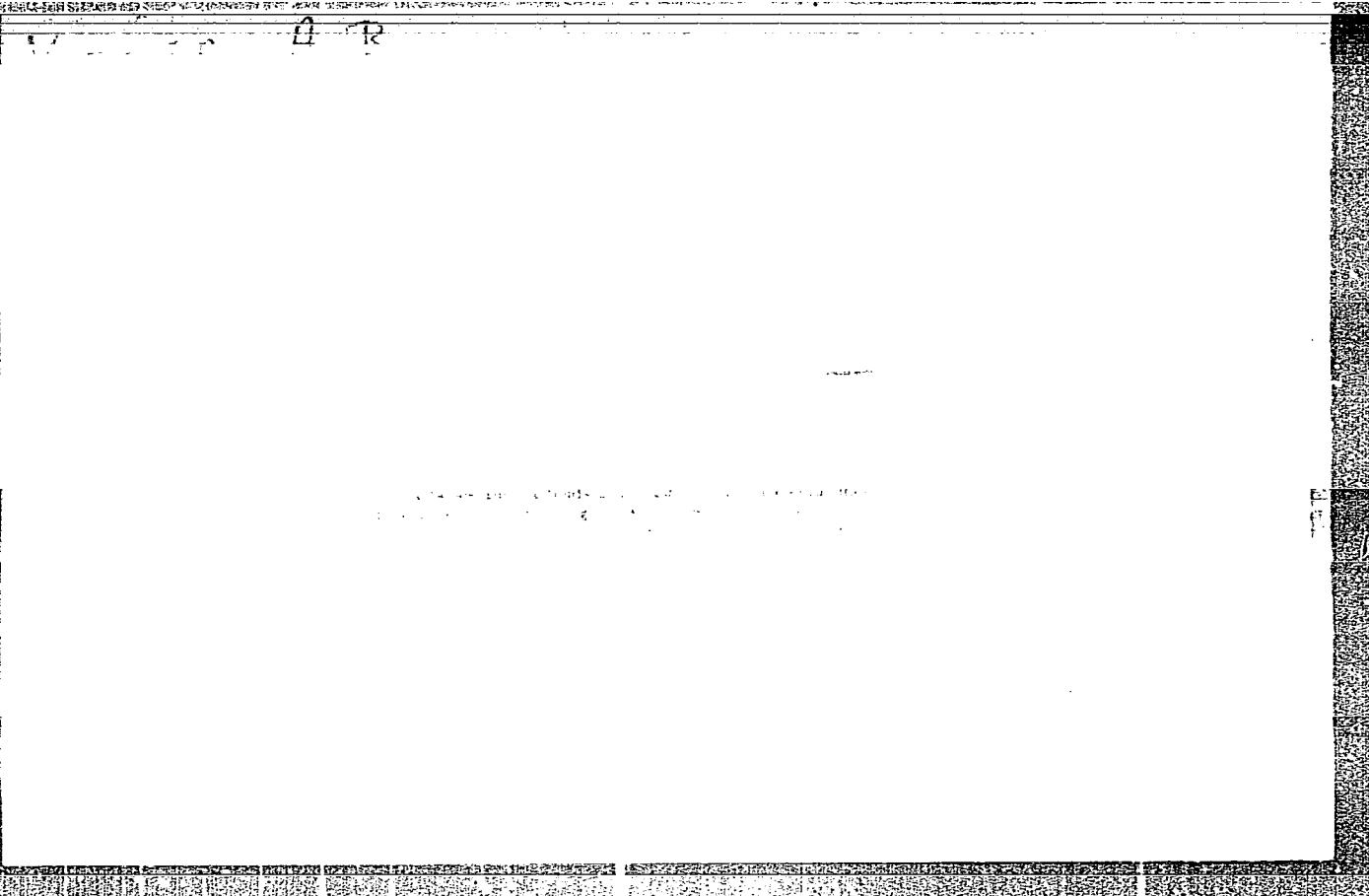
WILSON, A. L. (in r.)

"Investigation of the Feasibility of Using Fuel Deposited in Aircraft Engines." Moscow Order of the Labor and Defense Department, Institute for the Study of the USSR, 23 Feb 54. Dissertation (Moscow, USSR, 11 Feb 54)

So: JUN 196, 1954, 1954

ПАПОК, Константин Карлович, доктор технических наук; ВИПЕР, Андрей
Борисович, кандидат технических наук; РАМАЙЯ, А.С., доктор
технических наук, рецензент; ПУЧКОВ, Н.Г., кандидат техни-
ческих наук, редактор; УВАРОВА, А.Ф., технический редактор

[Carbon deposit, films and residues in automobile engines] Nagary,
lakovye otlozhenia i osadki v avtomobil'nykh dvigateliakh. Moskva,
Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 153 p.
(Automobiles--Engines) (MLBA 10:3)



VIPPER, A.B.; PAPOK, K.K.; SANIN, P.I.; SHER, V.V.

Demulsifying property of some oil additives from organophosphorus compounds. Khim i tekhn. topl. i masel 3 no.3:45-47 Mr '58.
(MIRA 11:3)

(Phosphorous compounds)
(Lubrication and lubricants)

VIPPER, A.B.; MOSIKHIN, Ye.P.; BELOVA, S.R.

Regularities in the decrease of cleansing additives in oil.
Khim. i tekhn. topl. i masel 4 no.1:59-63 Ja '59. (MIRA 12:1)

(Lubrication and lubricants--Additives)

VIPPER, A.B.; RYBAKOV, K.V.

Efficient checking of the performance of fine oil-cleaning filters.
Obm.tekh.opyt.na avt.transp. no.4:4-8 '60. (MIRA 13:12)
(Motor vehicles--Engines--Oil filters)

30353
S/081/62/000/005/090/112
B162/B101

11,9700
AUTHORS:

Sanin, P. I., Sher, V. V., Vipper, A. B., Glukhoded, I. S.,
Nikitskaya, Ye. A.

TITLE:

Investigation of additives of the type of metal dialkyl
dithiophosphates

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 5, 1962, 530,
abstract 5M230 (Sb. "Prisadki k maslam i toplivam",
M., Gostoptekhizdat, 1961, 26-34)

TEXT: As a result of the synthesis and investigation of a series of
technical additives of the type of dialkyl dithiophosphates (DP) of Ba and
Zn, it is established that these additives have washing, anticorrosion, and
antiwear properties, are antioxidants and some of them depressors and
de-emulsifiers. Certain properties of DP as additives to lubricating oils
appear in different degrees and depend on the structure of the additives.
The properties of the additives which depend on their surface activity
(washing and de-emulsifying action, partly anticorrosion action, drop in

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Investigation of additives ...

S/081/62/000/005/090/112
B162/B101

solidification point) are in agreement with their adsorption characteristic and appear to the greatest extent in the high-molecular DP of barium. Other properties (antiwear) are more strongly marked in the comparatively low-molecular DP of metals. The greatest practical interest is offered by the additive DP-1 with washing, anticorrosion, and de-emulsifying properties, and the additive DP-11 which is characterized by antiwear properties. Abstracter's note: Complete translation.]

Card 2/2

VIPPER, A.B.; LEONT'YEV, B.I.; SAZONOV, A.Ye.

Dispersity of impurities in oil in the course of centrifugal
purification. Khim.i tekhnol.i masel 6 no.3:60-62 Mr '61.
(MIRA 14:3)

(Lubrication and lubricants)

15.6600

28782
S/065/61/000/011/002/004
E030/E135

11.9700

AUTHORS:

Sanin, P.I., Vipper, A.B., Sher, V.V., and
Kleymenova, Z.A.

TITLE:

Investigation of the simultaneous effect of additives
of sulphonates and dialkyldithiophosphate metals

PERIODICAL:

Khimiya i tekhnologiya topliv i masel, no.11, 1961,
19-23

TEXT:

The effects have been studied of adding simultaneously
thiophosphate and sulphonate additives to oils for high-speed
engines. The base oil studied was $\Delta C-8$ (DS-8), which contains
86% distillate and 14% residue from high-sulphur crudes. The
additives were the following dialkyldithiophosphates: $\Delta\phi-I$
(DF-I) which is a barium salt derived from high-molecular weight
alcohols (C₂₀ - C₂₄), and $\Delta\phi-II$ (DF-II) which is a zinc salt
derived from isobutyl and isoctyl alcohols; and the following
sulphonates: $A3KMM-5$ (AzNII-5) a barium salt of sulphonated
petrolatum, and $CB-3$ (SB-3) a barium salt of the acid obtained by
sulphonating selectively refined diesel oil. The base oil
properties were studied and measurements repeated on addition of
Card 1/3

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S/065/61/000/011/002/004
E030/E135

Investigation of the simultaneous

each additive individually (AzNII-5 up to 3%, SB-3 up to 10%, and the DF- additives up to 3.5) and then, on addition of each of the sulphonates along with each of the dithiophosphates. Tests were carried out (results being quoted on Soviet test methods) on: thermal oxidation stability (as minutes at T₂₅₀), detergency in "units" on apparatus ПЗВ (PZV), de-emulsifying power (in % of unseparated emulsion), corrosivity (g/m² on apparatus ДК-2 (DK-2), and critical load (P_к, kg). It was found that addition of 1-2% dithiophosphate additive along with 3% sulphonate additive gave much better improvement than even 10% of sulphonate alone. It was found that DF-I was more effective than DF-II in all respects except anti-wear; the optimum concentration of DF-I is 1% but for anti-wear, DF-II is necessary, the optimum being 2%. All these results refer to addition with sulphonates. A detailed analysis was made of oxidation, adsorbing the tested oils in silica gel and desorbing in benzyl alcohol. SB-3 inhibited formation of carbenes and carboids, but AzNII-5 is a pro-oxidant, favouring combination of resins with oxy-acids; in their presence, both DF- additives were strong anti-oxidants,

Card 2/3

28782

Investigation of the simultaneous ... S/065/61/000/011/002/004
E030/E135

greatly reducing the formation of insoluble matter.

There are 3 tables and 5 Soviet-bloc references.

ASSOCIATION: Institut neftekhimicheskogo sinteza AN SSSR
(Institute of Petrochemical Synthesis, AS USSR)

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Card 3/3

L 17528-63 EPF(c)/EWT(m)/BDS AFFTC/APGC Pr-4 DJ
ACCESSION NR: AP3004533 S/0065/63/000/008/0047/0049

AUTHORS: Vipper, A. B.; Kleyменова, Z. A.; Lisovskaya, M. A. 60

TITLE: Properties of ashless detergent additives of the polymeric type.

SOURCE: Khimiya i tekhnologiya topliv i masel, no. 8, 1963, 47-49.

TOPIC TAGS: LOA-564 detergent additive, zinc, barium, Zn, Ba

ABSTRACT: Authors studied the effectiveness of the polymeric type detergent additive LOA-564, produced by the Dupont corporation. It was found that the copolymeric additive does not exhibit any effect on the thermo-oxidation stability and deemulsifying ability of the oil tested. The corrosion aggressiveness of the oil is sharply increased. The effect of additive on the surface activity and detergent property of the oil is insignificant. The results confirm the benefits which can be obtained by using these ashless detergent additives of the polymeric type with a mixture of metal alkylidithiophosphates. The effect of the copolymeric additive at a constant temperature is determined mainly by the high dispersion ability of this additive. The additive remains effective after the introduction of a small amount of water into the oil. In this case the addition of zinc or

Card 1/2

L 17528-63

ACCESSION NR: AP3004533

barium dialkyldthiophosphate improves the additive. Orig. art. has: 1 table. 0

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 27Aug63

ENCL: 00

SUB CODE: CH

NO REF SOV: 007

OTHER: 028

Card 2/2

L 14574-66 ENT(m)/T DJ

4/1

ACC NR: AP6005336

SOURCE CODE: UR/0413/66/000/001/0074/0074

INVENTOR: Papok, K. K.; Kreyn, S. E.; Vipper, A. B.; Zuseva, B. S.; Garzanov, G. Ye.; Vinner, G. G.; Dobkin, I. Ye.; Afanas'yev, I. D.; Rogachevskaya, T. A.; Somov, V. A.; Botkin, P. P.; Kuliyeu, A. M.; Zeynalova, G. A.

ORG: none

TITLE: Preparation of motor oil. ^{11, 14} Class 23, No. 177579

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 74

TOPIC TAGS: motor oil, antiwear additive, detergent additive

ABSTRACT: An Author Certificate has been issued for a preparative method for motor oil, involving addition of a detergent and an antiwear additive to the oil base. The method provides for the use of an alkyl-formaldehyde condensation product and of a dialkyl dithiophosphate based on C₁₂-C₁₆ alcohols as the additives. [BO]

SUB CODE: 11/ SUBM DATE: 16Apr64/ ATD PRESS: 4/90

Card

^{FW}
1/1

UDC: 621.892.8

2

L 42173-66 EWT(m)/T DJ

ACC NR: AR6014532

(A)

SOURCE CODE: UR/0081/65/000/019/PO18/PO18.

AUTHORS: Badyshova, K. M.; Vinner, A. B.; Vorozhikhina, V. I.; Denisenko, K. K.;
Kreyin, S. E.; Fyatiletova, N. I.; Ryazanov, L. S.; Yastrebov, G. I. 31

TITLE: Effect of the extent of refining^B of the distillate and residual components^B
of DS-14 oil from sulfurous petroleum upon their operational properties

SOURCE: Ref. zh. Khimiya, Abs. 19P129

REF SOURCE: Tr. Kuybyshevsk. n.-i. in-t neft. prom-sti, vyp. 25, 1964, 85-95

TOPIC TAGS: lubricating oil, petroleum refining, phenol / DS-14 lubricating oil,
MS-20 lubricating oil, DS-11 lubricating oil

ABSTRACT: Laboratory study and testing on the engine YaAZ-204 of five samples of
DS-14 oil of Novokuybyshev NPZ (differing by the technology of their processing) have
been performed. The study shows that the changes in the extent of phenolic refining
of distillate and residual components (within the limits of 160-180 and 250-320%
of phenol, respectively) have no effect on the detergency, antioxidative, and anti-
wear properties^B of DS-14 oil containing effective additives. Economically, the most
convenient method for producing DS-14 oil is to mix the residual and distillate com-
ponents of Diesel oil, 60 and 40%, respectively, (i.e., components treated to a less
extensive phenolic refining). This leads to lowering the price of DS-14 oil by 15%
and to increasing its yield by 4%, as compared with the production of DS-14 oil by
mixing oils MS-20 and DS-11. A. N. [Translation of abstract]

SUB CODE: 11/

Card 1/1

L 45678 66 EWT(m)/T DJ/WE

ACC NR: AP6023624

SOURCE CODE: UR/0318/66/000/004/0021/0024

AUTHOR: Botkin, P. P.; Vipper, A. B.; Zuseva, B. S.; Kreyn, S. E.; Papok, K. K.;
Somov, V. A.

ORG: none

TITLE: New composition of diesel oil additives 52
B

SOURCE: Nefteprodukty i neftekhimiya, no. 4, 1966, 21-24

TOPIC TAGS: diesel oil, antioxidant additive, lubricant additive

ABSTRACT: A composition of additives to motor fuels was developed in order to match imported additives in their effectiveness when taken in similar concentrations. The composition includes the additives BFK (4%) and LANI-317 (0.25%). The BFK additive is the barium salt of the products of condensation of alkylphenol with formaldehyde, and the LANI-317 additive is zinc dialkyldithiophosphate in isopropyl alcohol and C12-C16 alcohols. In wetting and antioxidation properties, the new composition is practically equivalent to foreign additives (those of the Monsanto Co.) designed for oils of the first series of the international classification. The new composition also has advantages over antiwear and wetting agents in the operation of a diesel motor on low-sulfur fuel. The use of the new composition of additives increases the motor potential of fast diesel engines and reduces their oil consumption. Orig. art.

Card 1/2

UDC: 665.4:66.022.3:621.892

L 4567P-66

ACC NR: AP6023624

0

has: 3 tables.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 007/ OTH REF: 001

Card 2/2 fv

ABRAMOVICH, S.Sh.; VIPPER, A.B.; GOLDBERG, D.O. (REYN, S.E.; KULINICHEVA,
M.A.; FATKULLINA, N.S.

Influence of the depth of phenol purification on the group chemical
composition and properties of viscous distillate oil from sour crude.
Trudy Bash NIINP no.5:259-272 '62. (MIRA 17:10)

KREYN, S.E.; VIPPER, A.B.; GOLDBERG, D.C.; ABRAMOVICH, S.Sh.

Influence of the depth of the phenol purification of distillate and residual components on the working properties of compounded oils from sour crude. Trudy Bash NIIP no.5:272-281 '62.

(MIRA 17:10)

KREYN, S.E.; VIPPER, A.B.; SHEKHTER, Yu.N.

Solubilization of the contamination products of motor oils by
the cleaning action of metal sulfonates. Khim.i tekhn. topl.i masel
8 no.11:52-57 N '63. (MIRA 16:12)

VIPPER, A.B.; KLEYMENOVA, Z.A.; LISOVSKAYA, M.A.

Properties of ash-free polymeric type washing additives. Khim.i
tekh.topl.i masel 8 no.8:47-49 Ag '63. (MIRA 16:9)
(Lubrication and lubricants--Additives)

ACCESSION NR: AR3000554

S/0081/63/000/007/0528/0528

SOURCE: RZh. Khimiya, Abs. 7p226

AUTHOR: Vipper, A. B.; Kleimenova, Z. A.

TITLE: Effects of resin on surface activity of detergent additives

CITED SOURCE: Novosti neft. i gaz. tekhn. Neftepererabotka i neftekhimiya, no. 8, 1962, 38-40

TOPIC TAGS: detergent additives; surface activity; resins

TRANSLATION: As a result of a study, it has been ascertained that resins (RE) contained in fresh and used oils are surface-active substances, and that RE isolated from fresh oil lower the surface tension of the oil to a greater extent than the RE of used oil. Alcohol-benzene RE of oils of both kinds have a greater surface activity than benzene RE. RE exert a substantially influence on surface activity

Card 1/2

ACCESSION NR: AR3000554

of detergent additive contained in the oil, inducing to a considerable extent the effect of its detergent action. Alcohol-benzene RE which accumulate in compounded DS-8 oil during its testing in PZV unit, in admixture with DF-1 additive, increase the surface activity of the latter; corresponding RE of distilled DS-8 oil (purified 100% phenol) produce a detrimental effect on effectiveness of the additive. The susceptibility of oils to detergent additives must be regarded as dependent not only on the amount of the products of oxidative polymerization, which are formed while the oil is in use in the engine, but also on the influence which these products exert on the surface activity of the detergent additive. Based on a summary.

DATE ACQ: 21May63

ENCL: 00

SUB CODE: 00

Card

2/2

VIPPER, A.B.; MOSIKHIN, Ye.P.

Wearability of additives to oils. Khim.i tekhn.topl. i masel 7 no.11:
66-67 N '62. (MIRA 15:12)

(Lubrication and lubricants--Additives)

L3191

S/065/62/000/012/004/005

E075/E135

11.4700

AUTHORS: Vipper, A.B., Kreyn, S.E., Bernshteyn, S.S., and
Lisovskaya, M.A.

TITLE: Investigation of the dispersing capacity of used oils
with detergent additives by the oil spot method

PERIODICAL: Khimiya i tekhnologiya topliv i masel, no.12, 1962,
50-55

TEXT: The method of oil spots (spreading of used oil drops on
a filter paper) was used to rate the dispersant properties of oils
MT-16 (MT-16) from Novokuybyshev refinery, containing additive
ИП-22К (IP-22K). Samples of the oils used in a single cylinder
diesel engine for 30 and 54 hours had the same dispersive capacity
at 20 °C, but at 150 °C the oil used for 54 hours had markedly
inferior dispersive properties. Oils MT-16 from Novokuybyshev and
Yaroslav refineries containing 6% of additive ВНИИ ИП-360 (VNII
NP-360) had different dispersivities at 20 °C, but similar
dispersivities at 150 °C. The Novokuybyshev oil containing the
additive loses its dispersive properties with increasing temperature
Card 1/2

Investigation of the dispersing ...

S/065/62/000/012/004/005
E075/E135

more rapidly than the Yaroslav oil. It was established that differences in the response of the base oils to the same additive are largely due to resins which have strong dispersive activity at room temperature, but lose it at 100-200 °C. The resins produced in sulphurous Kuybyshev oil are the more efficient dispersants. Also the dispersive capacity of the more polar resin fractions, obtained by chromatography on silica gel, is higher than that of the less polar fractions. At temperatures above 100 °C the resins lose their effectiveness and the dispersive capacity of the two oils is mainly influenced by the additive. Thus the response of various base oils to detergent additives depends on the nature and quantity of resins accumulating in the oils during engine operation. There are 3 figures and 1 table.

Card 2/2

VIPPER, A.B.; LEONT'YEV, B.I.

Investigation of used oils with cleaning additives by means
of an electron microscope. Khim.i tekhn.topl.i masel 7
no.4:53-56 Ap '62. (MIRA 15:4)
(Lubrication and lubricants)

S/065/62/000/011/005/006
E075/E436

AUTHORS: Vipper, A.B., Mosikhin, Ye.P.

TITLE: Depletion of oil additives

PERIODICAL: Khimiya i tekhnologiya topliv i masel, no.11, 1962,
66-67

TEXT: The authors refer to the article by N.S.Pasechnikov (Khim. i tekhnol. topliv i masel, no.9, 1961) criticized by V.D.Reznikov (Khim. i tekhnol. topliv i masel, no.9, 1962). Concerning the evaluation detergent additive depletion in lubricating oils, the authors maintain that it is desirable to be able to calculate the additive depletion and indicate that a suitable method may be the determination of the metal/contaminants ratio. Using this ratio and assuming that for engine deposits it reaches a minimum value, it follows that the high activity of an additive corresponds to high values of the ratio. The difference between the value of the ratio at a given instant of engine operation and the minimum value should correspond to the content of the active additive in the oil. The method was successfully used for the calculation of depletion of additive ДФ-1 (DF-1) in prolonged engine tests. There is 1 figure. ✓
Card 1/1

VIPPER, H.

Results of the experiments in growing one year lupine. p. 110

SOTSILKTLIK POLLUMJANDUS. POLLUMJANDUS MINISTEERIUM.
Tallin, Hungary. No. 3, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 11
November 1959.

Uncl.

USSR/Soil Science. Organic Fertilizers.

J-4

Abs Jour: Ref Zhur-Biol., No 6, 1958, 24791.

Author : Vipper, H.

Inst :

Title : Land-Enriching Legume Crops on Acid Soils.

Orig Pub: Sotsialistlik pollumajandus, 1957, No 5, 205-206.

Abstract: No abstract.

Card : 1/1

43

USSR/Cultivated Plants. Fodder Plants. M

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68224

Author : Vipper, H.

Inst

Title : Preparing Acid Soils for the Cultivation of Sweet Clover.

Orig Pub : Sots. Pollunajandus, 1957, No 8, 349-350

Abstract : In the Estonian SSR, sweet clover is a valuable green fertilizer, but it grows badly on acid and damp soils. Soils whose pH is lower than 6, must be lined at the rate of 3-4 tons/hectare. Sweet clover is recommended for sowing under a cover (barley, spring wheat, oats) when the cover crop has reached the phase in which it puts out 3-4 leaves. Sowing sweet

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USSR/Cultivated Plants. Fodder Plants.

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Abs Jour : Ref Zhur-Biol., No 15, 1958, 68224

clover late, reduces the danger of the lower leaves falling off the stalks and lessens the incidence of damage by frost. When inoculated seed was used on fertilized soils of the Polli Experiment Field, the yields were 260-300 centners/hectare of green fertilizer and 8-10 centners/hectare of seed. Experiments have shown that 20-30 tons/hectare of sweet clover, has the same fertilizer effect as 30 tons of manure. Sweet clover can be used successfully for fodder in the early part of June.
-- Kh. I. Miydla

Card : 2/2

VIPPER, H.

Make preparations now for the cultivation of sweet clover on acid soils.

P. 349, (Sotsialistlik Pllumajandus) Vol. 12, no. 8, Aug. 1957, Tallinn, Estonia

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

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Riiklik Kirjastus, 1962. 188 p. (MIRA 16:12)
(Lupines)

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28 May 47, Moscow Order of Lenin State U imeni M. V. Lomonosov.

Dissertations presented for degrees in science and engineering in Moscow in 1947.

SO: Sum.No.457, 18 Apr 55

VIPPER, P.B.

"USSR"

Some physico-mechanical properties of coniferous wood of the Trans-Baikal region. P. B. Vipper. *Trudy Inst. Lesn. Akad. Nauk S.S.S.R.* 9:415-426 (1957).--The following values were found for *Pinus silvatica*, *Larix sibirica*, *P. sibirica*, and *Picea abies*; no. of growth rings per cm. 0.5, 5.0, 3.5, and 0.9; percentage summerwood 18, 27, 18, and 31; d. at 15% H₂O 0.44, 0.59, 0.33, and 0.44; coeff. of shrinkage on drying (in %) 0.22, 0.23, 0.17, and 0.14 radially and 0.33, 0.38, 0.26, and 0.25 tangentially; compression parallel to the grain (in kg. per sq. cm.) 313, 505, 265, and 358; and modulus of elasticity in kg. per sq. cm. 64,000, 70,000, 62,500, and 50,300, resp. John Lake Keays.

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Juniper woods of Central Asia as a forest type of vegetation. Bot.zhurn. 38
no.3:429-432 '53. (MLBA 6;6)

1. Institut lessa Akademii Nauk SSSR, Moscow.
(Soviet Central Asia - Juniper) (Soviet Central Asia - Forest ecology)

VIPPER, P.B.

"The Forests of the Southwestern Khentey," Tr. Mongol'sk. Komissii AN SSSR,
No 54, 1-55, 1953

One of the reports of the Mongolian agricultural expedition of the Academy of Sciences USSR, which, in 1947-1951 in cooperation with the Committee of Sciences of the Mongolian People's Republic, studied the natural resources of the agricultural economy of Mongolia. It gives the general characteristics of the region and of its plant life, and describes the types of forests. The author mentions the great masses of larch and cedar forests, virtually unexploited, in which a large quantity of worthwhile wood is being lost through fire and natural causes. (RZhGeol, No 1, 1955)

SO: Sum. No. 536, 10 Jun 55

VIPPER, V.N.; VIPPER, P.B.

Dynamics and interrelationship of the arborescent and herbaceous vegetation in the shelterbelts of the trans-Volga region. Biol.MOIP. Otd.biol. 58 no.1:55-62 '53.

(MLBA 6:5)

(Volga region--Forest ecology)

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VIPPER, P.B.

KOSHCHHEYEV, A.L.; P'YAVCHENKO, N.I., professor, doktor biologicheskikh nauk, redaktor; VIPPER, P.B., redaktor; ASTAF'YEVA, G.A., tekhnicheskiy redaktor.

[Swamp formation on cleared areas and ways of preventing it]
Zabolachivanie vyrubok i mery bor'by s nim. Moskva, Izd-vo Akademii nauk SSSR, 1955. 164 p. (MLRA 9:1)
(Swamps) (Forest influences)

VIPPER, P.B.

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no.7:75-90 '57. (MLRA 10:6)
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"Principles of classification of West African savannas and general trends in their economy."

report submitted for 10th Intl Botanical Cong, Edinturgh, 3-12 Aug 64.

The Botanical Gardens of the Academy of Sciences, Leningrad.

VIPPER, P.B.

Principles underlying the classification of savannas of West
Africa and basic trends in their economy. Biul. MOIP. Otd.
biol. 68 no.5:37-43 S-0 '63. (MIRA 16:10)

VIPPER, P.B.

Postglacial history of Transbaikalian landscapes. Dokl.AN SSSR
145 no.4:871-874 Ag '62. (MIRA 15:7)

1. Laboratoriya lesovedeniya pri Gosplane SSSR. Predstavleno
akademikom V.N.Sukachevym.
(Transbaikalia--Paleobotany, Stratigraphic)

VIPPER, P.B.; KULAYEVA, O.N.

Tenth International Botanical Congress. Izv. AN SSSR. Ser. biol.
no.2:314-318 Mr-Apr '65. (MIRA 18:4)

HADEN-GUEST, Stephen (1902-), red.; GORBUNOV, V.V.[translator];
PANCHESHIKOVA, L.M.[translator]; FARBEROVA, N.I.
[translator]; VASIL'YEV, P.V., red.; VIPPER, P.B., red.

[World geography of forest resources] Geografiia lesnykh
resursov zemnogo shara. Pod red. P.V.Vasil'eva i P.B.Vipperera.
Moskva, Izd-vo inostr. lit-ry, 1960. 665 p. illus., maps.
Translated from the English. (MIRA 15:3)

(Forests and forestry)

S/169/62/000/012/066/095
D228/D307

AUTHOR:

Vidner, V.N.

TITLE:

Influence of grassy scrub cover and litter on microclimate and soil in the forests of Transbaykal

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 12, 1962, 61, abstract 123591 (Tr. In-ta lesa i drevesiny, Sib. otd. NI SSSR, 1962, 54, 30-60):

TEXT:

Observations on the influence of a grass-scrub cover on microclimatic conditions and on the natural regeneration of woody species were made in 1953-1955. They were carried out in creeks of Transbaykal, at a height of 650 m on northerly and southerly slopes, in ledum-cowberry foliage and in herbaceous-grassy pine forest. The distribution of the light, the wind, the evaporation, the air temperature, and the soil temperature under the tops of trees and in the grass cover is considered. Deciduous forest is less permeable to light, wind and precipitation. This stems from the general density of the treetops of all stages. The increased evaporability in deci-
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S/169/62/000/012/066/095
D228/D307

Influence of grassy scrub ...

duous forest clearings causes the top soil horizons to dry up and the frost level to fall, but does not involve any increase in the air humidity owing to the high intensity of air mixing in the surface layer in open spaces. In pine forests on southerly exposed slopes the heat regime of the soil is governed by the amount of absorbed radiation. On northerly exposed slopes in foliage, apart from this factor, the thorough wetting of soil by precipitation is of great significance in the accumulation of heat. The thermal soil regime is influenced by the density of the canopy and by the development of the undergrowth, the grass-scrub layer, and the moss cover. The wetness of upper horizon soil decreases gradually during the growing season. The moisture content of lower horizons at a depth of more than 1 m increases as the frozen layer thaws gradually at the expense of the capillary rise of liberated moisture. Much of the summer precipitation is retained by the undergrowth. An analysis is made of microclimatic changes that occur on the elimination of the grass cover and the property, by which the plant cover re-
vives on bare soil.

[Abstracter's note: Complete translation]

Card 2/2

VIPPER, V.H.

In the Aksu-Dzhabagly State Preserve. Priroda 45 no.9:104-106 S '56.
(MLRA 9:10)

1. Institut lessa Akademii nauk SSSR, Moskva.
(Aksu-Dzhabagly State Preserve)

VIPPER, V.N.; VIPPER, P.B.

Dynamics and interrelationship of the arborescent and herbaceous vegetation in the shelterbelts of the trans-Volga region. Biul.MOIP. Otd.biol. (MLBA 6:5)
58 no.1:55-62 '53.

(Volga region--Forest ecology)
(Forest ecology--Volga region)

VIRABIESCU, A.

The superior nervous activity of young and old people studied by
the method of conditioned vascular reflexes; effects of treatment
with hormones and vitamins for old people. p. 417.
ACADEMIA REPUBLICII POPULARE ROMANE Rumania.
Vol. 5, no. 2, Feb. 1955.

SOURCE: EEAL - LC Vol. 5 No. 11 Aug. 1956

VIRABOV,

AIZIKS; BRODSKIY; VIRABOV; VOSKRESENSKIY; GIDZHUU; DONGHAK; ZNAMENSKIY;
KOSTINA; KARITSKAYA; KURNOSOV; PONOMAREV; YAROVITSKIY

Aleksei Aleksandrovich Kriukov. Vest. otorinolar. 12 no.2:79-80
Mr-Apr '50 (CLML 19:2)

1. Obituary.

VIRABOV, Armanak Arkad'yevich; VOLOTKOVSKIY, S.A., otvetstvennyy red.;
KOLOMIYTSSEV, A.D., red. izd-va; ALADOVA, Ye.I., tekhn. red.

[Mechanic for mine electric locomotives; a textbook for mining
courses] Mashinist shakhtnogo elektrovoza; uchebnoe posobie
dlia kursovoi seti shakht. Moskva, Ugletekhizdat, 1957. 199 p.
(Mine railroads) (MIRA 11:4)
(Electric locomotives--Maintenance and repair)

PHASE I BOOK EXPLOITATION

596

Virabov, Armenak Arkad'yevich

Zaryadchik elektrovoznnykh akkumlyatornykh batarey (Electric Locomotive Storage Battery Charger) Moscow, Ugletekhizdat, 1957. 95 p. 11,000 copies printed.

Resp. Ed.: Kolomiytsev, A. D.; Tech. Eds.: Korovenkova, Z. A., and Aladova, Ye. I.

PURPOSE: This monograph is addressed to students of mining transport and may be used as a textbook in technical and mining industry schools of the Glavnoye upravleniye trudovykh rezervov pri Sovete Ministrov SSSR. (Main Administration of Labor Reserves under the Council of Ministers, USSR).

COVERAGE: The book describes the operating principle, design and operation of alkaline storage batteries, converters, charging chamber equipment, and it provides basic data on storage battery locomotives, and also safety rules to be observed when operating storage batteries. The importance of underground transportation systems in coal mining is pointed out. Since youth leaving the 7th to 10th class of secondary school are recruited to work in the mines as battery chargers, the course material in this book is presented to give a broad and general view of the

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Electric Locomotive Storage (Cont.)

subject. Considerable Soviet-produced equipment is mentioned or discussed throughout the text, e.g., locomotives, motors, storage batteries, chargers, rectifiers, etc. There are 12 Soviet references. No personalities are mentioned.

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9/26/58

VIRABOV, Armenak Arkad'yevich; FROLOVA, Ye.I., red. izd-va; SABITOV, A.,
tekh. red.

[Operator of an electric mine locomotive] Mashinist shakhtnogo
elektrovoza. Izd.2., perer. i dop. Moskva, Gosgortekhnizdat,
1962. 295 p. (MIRA 15:6)
(Mine railroads)

NOR, Aleksandr Alekseyevich; MATYUSHENKO, Yuriy Pavlovich;
MEL'NIKOV, Andrey Alekseyevich; LIPAKOV, Aleksey
Nikandrovich; VIRABOV, A.A., inzh., retsenzent;
BARUZDIN, M.A., inzh., otv. red.

[Engineers of electric mine locomotives] Mashinist rud-
nichnogo elektrovoza. Moskva, Izd-vo "Nedra," 1964. 161 p.
(MIRA 17:4)

VIRABOV, Armenak-Arked'yevich; FROLOVA, Ye.I., red. izd-va; MINSKER,
L.I., tekhn. red.

[Electric-locomotive storage battery charger]Zariedchik elektro-
voznykh akkumulatornykh batarei. Izd.2., perer. 1 dop. Mo-
skva, Gosgortekhzdat, 1961. 118 p. (MIRA 15:7)

(Storage batteries)

(Electric locomotives--Electric equipment)

VIRADOV, Armenak Arkad'yevich; FROLOVA, Ye.I., red.isd-va; MINSKER,
L.I., tekhn.red.

[Device for charging electric locomotive batteries] Zariadchik
elektrovoznykh akkumulatornykh batarei. Isd.2., perer. i dep.
Moskva, Gos.nauchno-tekhn.isd-vo lit-ry po gernomu delu, 1961.
118 p. (MIRA 14:12)

(Storage batteries)
(Electric locomotives--Equipment and supplies)

VIRABOV, Armenak Arkad'yevich; LEONOV, V.A., kand.tekhn.nauk, retsenzent;
KRAKHMALEV, A.A., retsenzent; KOLOMITSEV, A.D., otv.red.;
SABITOV, A., tekhn.red.; PROZOROVSKAYA, V.L., tekhn.red.

[Operator of machines and mechanisms for underground mine haulage]
Mashinist shakhtnykh mashin i mekhanizmov podzemnogo transporta.
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960.
219 p. (MIRA 13:7)

(Mining machinery)

VIRABOV, Arsenak, Arkad'evich.

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[Electric locomotive storage battery charger] Zariadchik elektro-
voznnykh akkumulatornykh batarei; uchebnoe posobie dlia uchebno-
kursovoi seti. Moskva, Ugletekhizdat, 1957. 95 p. (MIRA 11:2)
(Electric locomotives--Batteries)

VIRABOV, A.V.

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The role of health resorts in otorhinolaryngology [with summary in English]. Vest.oto-rin. 19 no.5:55-65 8-0 '57. (MIRA 10:11)
(OTORHINOLARYNGOLOGICAL DISEASES, ther. management in health resorts, review)
(HEALTH RESORTS, otorhinolaryngol. ther., review)

USSR .

4

1560. Vrabov, R. V., Three-dimensional theory of wedges as applied to conical couplings and friction drives (in Russian), Akad. Nauk SSSR Trudi Ser. Teorii Mash. Mekh. 14, 53, 20-46, 1953.

Author states that, for friction wedge drive (vee belts, etc.), maximum transmitted torque is not represented by equations of the $T = \mu Q / (\sin \alpha + \mu \cos \alpha)$ or $T = \mu Q / \sin \alpha$ variety (Q is force normal to T , α half of included wedge angle). Based on three-dimensional considerations, author derives equation $T = (\mu Q / \sin \alpha) [1 - k_1 \mu \cos \alpha / (k_1 + 2k_2 \sin^2 \alpha) (\sin \alpha + \mu \cos \alpha)]$ where k_1 and k_2 are stiffness of vertical and horizontal springs acting on wedge and Q , the (normal) load. With $\alpha = 10$ to 15° , $\mu = 0.2$ and $k_2 = 3$ to $15 k_1$, values of T are half way between values due to above two earlier equations. Use of new equation is illustrated for conical clutches, vee belt drives, and infinitely variable conical chain drives. Paper concludes with brief data from static rig tests.

In reviewer's opinion, while theoretical conclusions merit consideration, further experimental work is indicated before results can be adopted in practice, particularly in view of scatter of μ values.
J. L. Koffman, England

25(1)

PHASE I BOOK EXPLOITATION SOV/1349

Virabov, Ruben Vagarshakovich and Yevgeniy Fedorovich Chuchin

Frezerovaniye fasonnykh vyyemok i nadpisey na poluavtomatakh
(Contour Milling of Cavities and Inscriptions With Semiautomatic
Machines) Moscow, Oborongiz, 1958. 138 p. 3,000 copies printed.

Reviewer: Neklyudov, G.I., Docent; Eds.: Rozenblit, Ya. M., Engineer
and Serebrenik, M.Ye.; Tech. Ed.: Pukhlikova, N.A.; Managing
Ed.: Sokolov, A.I., Engineer.

PURPOSE: This book is intended for process engineers and designers
in the instrument and watchmaking industry.

COVERAGE: This book describes semiautomatic contour milling machines
used in instrument making and in the watch industry. Problems of
designing and making special tooling is described in detail.
Chapter III is devoted to the method of designing and manufactur-
ing precision contour cams on special machines. Chapter IV dis-
cusses special attachments and machines for making these cams.

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Contour Milling of Cavities (Cont.)

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AVAILABLE: Library of Congress

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Card 4/4

SELIM EI' IMAM, aspirant, VIRBOV, R.V., kand. tekhn. nauk

Calculations for the steering gear trapezoid as a three-dimensional mechanism. Trakt. i sel'khozmasn. no.4:9-11 Ap '65. (MIRA 18:5)

1. Moskovskiy avtomekhanicheskii institut.

VIRABOV, R.V. kand. tekhn. nauk

Plotting rating diagrams of engine moments during the starting
of a tractor machinery unit. Trakt. i sel'khoz mash. no.8:1-5
Ag '65. (MIRA 18:10)

1. Moskovskiy avtomekhanicheskiy institut.

VIRABOV, R. V.

Sharikovyi variator. (Vestn. Mash., 1950, no. 7, p. 32-34)

Ball "variator".

DLC: T14.V4

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and friction drives. Trudy Sem.po teor.mash. 14 no.53:20-46 '53.
(MIRA 7:3)

(Wedges) (Couplings) (Clutches (Machinery))

TKACHENKO, I.A.; VIRABOV, S.A.

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skogo instituta nadshakhtnogo stroitel'stva (for Virabov).
(Donets Basin--Mine buildings)

VIRABOV, S.A., inzh.

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BARINOV, A.; LYUBENKO, G.; BAGMUT, S.; VIRABOV, S.; MALIOVANO, D. I.,
kand. tekhn. nauk; KRAKHMALEV, A. A., kand. tekhn. nauk (Donetsk)

Concerning the book "Layout of mine buildings and strip
mines." Ugol' 39 no.3:77-78 My'64. (MIRA 17:5)

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Improvement in the management of repair and storage facilities is one of the principal tasks in the planning and reorganization of Donets Basin mines. Ugol' Ukr. 5 no.3:15-18 F '61. (MIRA 14:3)

1. Donetskiy nauchno-issledovatel'skiy institut nadshakhtnogo stroitel'stva.
(Donets Basin—Coal mines and mining)

VIRABOV, S.A., inzh.

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1. Donetskij nauchno-issledovatel'skiy institut nadshakhtnogo
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VIRABOV, S.A., inzh.

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1. Donetskij nauchno-issledovatel'skiy institut shakhtnogo stroitel'stva.

(Mining engineering)