

NOVACHENKO, N.P., prof.; KOSTRIKOV, V.S., kand.med.nauk; SKOBLIN, A.P.

Pages from the life of Professor M.I. Sitenko; on his 75th birthday. Ortop., travm.i protez. no.12:59-64 '60.

(MIRA 14:2)

1. Chlen-korrespondent AMN SSSR (for Novachenko).
(SITENKO, MIKHAIL IVANOVICH, 1885-)

KRAMARENKO, G.N., referent; TKACHENKO, S.S., referent, kand.med.nauk;
KNYSH, I.T., referent, kand.med.nauk; KURILO, A.A., referent;
KOSTRIKOV, V.S., referent, kand.med.nauk; GABAY, A.V., referent,
prof.; MARYASHINA, O.M., referent, kand.med.nauk

Reports on sessions of societies of traumatologists and orthopedists.
Ortrop.travm.i protez. 21 no.4:83-93 Ap '60. (MIRA 13:9)
(ORTHOPEDIC SOCIETIES)

KRAMARENKO, G.N.; NECHAYEVA, Z.P.; TKACHENKO, S.S., dotsent; FLORENSOV, A.A.,
kand.med.nauk; LADIS, I.A.; VARFOLOMEYEVA, S.N.; KOSTRIKOV, V.S.,
kand.med.nauk

Reports on meetings of societies of traumatologists and orthopedists.
Ortop., travm. i protez. 21 no.8:82-94 Ag '60. (MIRA 13:11)
(ORTHOPEDIC SOCIETIES)

KOSTRIKOV, V.S., kand.med.nauk (Khar'kov)

Natal (akushers') epiphysiolyzes of the distal end of the humerus
in the newborn and their treatment. Fel'd. i akush. 26 no.6:11-
16 Je '61. (MIRA 14:7)

(BIRTH INJURIES)

(JOINTS—DISEASES)

KOSTRIKOV, V.S.

Report on the 322nd session of the Kharkov Society of Traumatolo-
gists and Orthopedists. Ortop., travm. i protez. 22 no. 4: 90-91 Ap
'61. (MIRA 14:11)

(KHARKOV--ORTHOPEDIC SOCIETIES)

KOSTRIKOV, V. S.

Report of the 324th session of the Kharkov Society of Traumatologists
and Orthopedists. Ortop., travm. i protez. 22 no.8:86-87 Ag '61.
(MIRA 14:12)

(KHARKOV...ORTHOPEDIC SOCIETIES)

KOSTRIKOV, V.S., kand.med.nauk; ZAKASHANSKIY, I.G.; PEKARSKIY, D.Ye.

Late results in the treatment of Achilles tendon injuries.
Vest.khir. no.6:84-90 '61. (MIRA 15:1)

1. Iz travmatologicheskogo otdeleniya (zav. - V.S. Kostrikov)
i 2-y khirurgicheskoy kliniki (zav. - prof. M.M. Lyakhovitskiy)
Ukrainskogo instituta usovershenstvovaniya vrachey na baze
32-y klinicheskoy bol'nitsy mediko-sanitarnoy chasti (nach. -
kand.med.nauk I.S. Yefimov) Khar'kovskogo traktornogo zavoda.
(TENDON OF ACHILLES--WOUNDS AND INJURIES)

KOSTRIKOV, V.S., kand.med.nauk; YEFIMOV, I.S., kand.med.nauk

Role of assistant medical personnel in the prevention of industrial injuries at the Sergo Ordzhonikidze Tractor Plant at Kharkov.
Med. sestra 21 no.1:43-47 Ja '62. (MIRA 15:3)

1. Iz travmatologicheskogo otdeleniya 32-y klinicheskoy bol'nitsy Khar'kovskogo traktornogo zavoda i Ukrainskogo nauchno-issledovatel'skogo institut ortopedii i travmatologii imeni prof. M.I. Sitenko.

(ACCIDENTS--PREVENTION)
(KHARKOV--INDUSTRIAL SAFETY)

MECHAYEVA, Z.P., referent; TKACHENKO, S.S., referent, kand.meditsinskikh
nauk; OSNA, A.I., referent, dotsent; SERDYUK, P.P., referent;
KOSTRIKOV, V.S., referent, kand.meditsinskikh nauk; LEVITSKIY, F.A.,
referent; BRODSKAYA, Ye.I., referent; TKACHEVA, S.G., referent
GAL'CHENKO, V.Ye., referent; KRYUK, A.S., referent, kand.meditsinskikh
nauk.

Reports on meetings of societies of traumatologists and
orthopedists. Ortop. travm. i protez, 21 no. 7:78-95 JI '60.

(MIRA 13:10)

(ORTHOPEDIC SOCIETIES)

KOSTRIKOV, V.S., kand.med.nauk; YEFIMOV, I.S., kand.med.nauk

Dynamics of industrial traumatism in the Kharkov S. Ordzhonikidze Tractor Factory and the measures for its reduction. Sov.med. 26 no.12:75-80 D '62. (MIRA 16:2)

1. Iz travmatologicheskogo otdeleniya (zav. V.S. Kostrikov) khirurgicheskoy kliniki No.2 (zav. - prof. M.M. Lyakhovitskiy) na baze 32-y klinicheskoy bol'nitsy mediko-sanitarnoy chasti (nachal'nik I.S. Yefimov) Khar'kovskogo traktornogo zavoda i Ukrainakogo nauchno-issledovatel'skogo instituta ortopedii i travmatologii imeni M.I. Sitenko.
(KHARKOV--TRACTOR INDUSTRY--ACCIDENTS)

KOSTRIKOV, V.S., kand.med.nauk

Traumatic epiphysiolysis of the lower end of the radius and its
treatment. Med.sestra 21 no.12:3-8 D '62. (MIRA 16:4)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta ortopedii
i travmatologii imeni prof. M.I.Sitenko.
(RADIUS—FRACTURE)

KOSTRIKOV, V.S., kand.med.nauk

Roentgenological characteristics of the stimulating action of some factors of injury and stimulation of the osseous organ on the regeneration of the osseous tissue; an experimental study. Trudy Ukr. nauch. issl. inst. ortop. i travm. no.15: 323-329 '59.
(MIRA 16:12)

1. Iz Ukrainського nauchno-issledovatel'skogo instituta ortopedii i travmatologii imeni prof. M.I.Sitenko (dir.- chlen korrespondent AMN SSSR, prof. N.P.Novachenko).

KOSTRIKOV, V.S., kand.med.nauk; KORZH, A.A.

Historical characteristics of the scientific, organizational and social activities of the Kharkov Scientific Society of Traumatologists and Orthopedists. Trudy Ukr. nauch.-issl. inst. ortop. i travm. no.15:17-22 '59 (MIRA 16:12)

1. Iz Khar'kovskogo nauchnogo meditsinskogo obshchestva (predsedatel' - chlen-korrespondent AMN SSSR, Prof. N.P.Novachenko.

KOSTRIKOV, V.S., kand. med. nauk

Labor ("obstetrical") epiphysiolysis of the distal segment
of the humerus. Khirurgia 39 no.5:62-70 My '63.

(MIRA 17:1)

1. Iz Ukrainского nauchno-issledovatel'skogo instituta
ortopedii i travmatologii imeni prof. M.I. Sitenko (dir. -
chlen-korrespondent AMN SSSR prof. N.P. Novachenko).

KHOROSHAYA, Ye.S., kand. khim. nauk; KOVRIGINA, G.I., mladshiy nauchnyy
sotrudnik; KOSTRIKOVA, L.I., kand. tekhn. nauk; MUSATOVA, M.D.,
starshiy nauchnyy sotrudnik; KOPYL, A.N., starshiy nauchnyy
sotrudnik

Rapid method for determining rubber content of the leather mass
prior to its feeding to the long-shot screening machine. Nauch.-
issl. trudy VNIIPK no.14:164-167 '63. (MIRA 18:12)

KOSTRIKOVA, L.N.

"Embryological Research on Some Species of the Genus Vicia." Cand
Biol Sci, Moscow State U, Moscow, 1953. (RZhBiol, No 2, Sep 54)

Survey of Scientific and Technical Dissertations Defended at USSR
Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

KOSTRIKOVA, L.N.

Embriological study of *Vicia Faba* (L.) Biol.MOIP.Otd.biol. 60
no.6:99-106 N-D '55. (MIRA 9:3)

(VETCH)

KOSTRIKOVA, L.N.

Embryological study of the genus *Vicia*. Vest.Mosk.un.Ser.biol.,
pochv.,geol.,geog. 11 no.2:59-80 '56. (MIRA 10:10)

1. Kafedra vysshikh rasteniy.
(Vetch) (Botany--Embryology)

KOSTRIKOVA, L.N.

Male gametophyte in *Vicia sativa* (L.), *V. villosa* (Roth.), *V. sepium*
(L.). Nauch.dokl.vys.shkoly; biol.nauki no.2:118-120 1959.
(MIRA 12:6)

1. Rekomendovana kafedroy vysshikh rasteniy Moskovskogo gosudar-
stvennogo universiteta im. M.V.Lomonosova.
(Spermatogenesis in plants) (Vetch)

KOSTRIKOVA, L.N.

Meiosis and development of the male gametophyte in the
"Uspekhi" hybrid and the "Dnepropetrovskaya" corn variety.
Vest.Mosk.un.Ser.biol., pochv., geol., geog. 14 no.2:21-29
'59. (MIRA 13:4)

1. Kafedra vysshikh rasteniy, Moskovskogo gos. universiteta.
(Corn (Maize)) (Pollen)

KOSTRIKOVA, L. N.

Embryogenesis of *Vicia sativa* (L.) Nauch. dokl. vys. shkoly; biol.
nauki no.3:129-131 '60. (MIRA 13:8)

1. Rekomendovana kafedroy vysshikh rasteniy Moskovskogo gosudarst-
vennogo universiteta im. M.V. Lomonosova.
(Vetch) (Botany--Embryology)

BARYKINA, Rimma Pavlovna; ~~KOSTRICHKOVA, Lidiya Nikolayevna;~~
KOCHEMAROVA, Irina Pavlovna; LOTOVA, Lyudmila Ivanovna;
TRANKOVSKIY, Daniil Aleksandrovich; CHISTYAKOVA, Ol'ga
Nikolayevna; OKOLOVA, N.A., red.; SHVETSOV, S.V., tekhn.
red.

[Laboratory manual on plant anatomy] Praktikum po anatomii
rastenii. [By] R.P.Barykina i dr.[n.p.] ~~Ro~~vuzisdat,
1963. 183 p. (MIRA 16:10)

(Botany--Anatomy)

KOSTRIKOVA, Ye.

Utilizing the experience of a Czechoslovak plant. Sets, trud no. 1:
99 Ja '56. (MLRA 9:7)
(Czechoslovakia--Leather industry)(Moscow--Leather industry)

KOSTRIKOVA, Ye.

Labor productivity in continuous conveyor lines. Sots. trud no.3:
51-53 Nr 157. (MLRA 10:4)
(Shoe industry--Production standards)
(Labor productivity)

KOSTRIKOVA, Ye.

Awarding bonuses to workers in light-industry enterprises for
improving production quality. Sots.trud 7 no.4:137-141 Ap '62.
(MIRA 16:1)

(Shoe industry—Quality control)

(Bonus system)

KOSTRILOVA, Ye.

Current problem in establishing work norms at light industry enterprises. Sots. trud 8 no.5:88-93 My '63.

(MIRA 16:6)

(Production standards)

AUTHOR: Kostrilin, Yu. M., Cand.Tech.Sci. SOV/96-58-6-15/24

TITLE: The relationship $K_{SiO_2} = f(pH)$ (carryover of SiO_2 as a function of alkalinity) as a consequence of the first degree of dissociation of silicic acid. (Zavisimost' $K_{SiO_2} = f(pH)$ kak sledstviye pervoy stupeni dissotsiatsii kremniyevoy kisloty.)

PERIODICAL: Teploenergetika, 1958, . . . No.6. pp. 77 - 78 (USSR)

ABSTRACT: When silicic acid is present in steam solely as a result of its solubility, and there is no carry-over in the form of drops, the ratio of the concentration of the substance in the steam to that in the water is the same as the ratio of its solubility in steam to that in water. When, as is the case with NaCl, the solubility in much greater than in steam, hardly any is carried over. The water/steam solubility ratio for silicic acid is less favourable, being 0.02 at 140 atm. The solubility of sodium silicate in steam is very low, whereas in water it is relatively high. If no drops are carried over, contamination of saturated steam by sodium silicate is due to the solubility in steam of free silicic acid present in the boiler water in the form of molecules of H_2SiO_3 or polymers, not as ions of $HSiO_3^-$ or SiO_3^{2-} . The amount of this free silicic acid is a function of its alkalinity and temperature; hence, a formula is derived for the coefficient of carry-over of silicic acid into the steam, which is proportional to $\frac{1}{OH^-}$. The quantity of ions of SiO_3^{2-} , $HSiO_3^-$ and undissociated silicic acid are plotted as

Card 1/2

SOV/96-58-6-15/24

The relationship $KSiO_2 = f(pH)$ (carryover of SiO_2 as a function of alkalinity) as a consequence of the first degree of dissociation of silicic acid.

functions of the pH value in fig.1. It is shown that the reciprocal of the carry-over should be proportional to the alkalinity. This is confirmed by citing available experimental data, for example, that of the All-Union Thermotechnical Institute plotted in fig.2. and of the Central Boiler Turbine Institute in fig.3. Because of this good agreement between theory and experiment, the relationships derived may be used to calculate the first constant of dissociation of silicic acid. This is done, and the results, as tabulated, are in good agreement both between themselves and with values obtained by different methods. There is 1 table, 4 figures and 8 literature references (Soviet).

ASSOCIATION: All-Union Thermotechnical Institute (Vsesoyuznyy Teplotekhnicheskiy Institut)

1. Feed water--Impurities
 2. Steam--Properties
 3. Silicates
- Solubility

Card 2/2

KOSTRIN, K., prof. (Ufa); PARKHOMENKO, V., dotsent (Yaroslavl')

Museum needs support. NTO 4 no.10:42-43 0 '62. (MIRA 15:9)

1. Pochetnyy chlen soveta muzeya neftepererabatyvayushchego
zavoda imeni D.I.Mendeleyeva (for Parkhomenko).
(Yaroslavl--Industrial museums)

KOSTRIN, K.

Founder of the distillation process. Neftianik 6 no.11:28-29
N '61. (MIRA 14:12)

(Distillation)
(Lomonosov, Mikhail Vasil'evich, 1711-1765)

KOSTRIN, K.

Production of bitumens in the U.S.A. Neftianik 6 no.7:34 J1 '61.
(United States—Bitumen) (MIRA 14:?)

KOSTRIN, K.

Book about the production of bitumens. Neftianik 6 no.5:34 My '61.
(MIRA 14:5)

1. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke
nefti.

(Bitumen)

KOSTRIN, K.

Signs and posters for industrial safety and hygiene. Sets, trud
no.7:139-140 of '57. (MLRA 10:8)

1. Glavnyy tekhnolog neftepererabatyvayushchego zavoda.
(Industrial safety)

KOSTRIN, K., kand. tekhn. nauk (g. Ukhta, Komi ASSR)

Who has invented the radio? Izobr. i rats. nc.1:42 Ja '59.
(MIRA 12:1)

(Radio)

KOSTRIN, K.

Books on the history of science, technology, and industry.

Izv. vys. ucheb. zav.; neft' i gaz 4 no.11:118-119 '61.

(MIRA 17:2)

KOSTRIN, K. V.

USSR/Miscellaneous Botany

Card : 1/1

Authors : Kostrin, K. V.

Title : ~~White willow herb~~

Periodical : Priroda, 43/7, 102 - 103, July 1954

Abstract : Description is given of changes in the characteristics of the willow herb when grown in northern regions.

Institution :

Submitted :

Kostrin, K. V.

USSR/Biology--Botany

Card 1/1

Pub. 86--28/39

Authors :

Kostrin, K. V., Cand. Tech. Sc.

Title :

Hound's tongue (*Cynoglossum officinale*) in the North

Periodical :

Priroda 44/1, 115-116, Jan 1955

Abstract :

An experiment is described of successfully growing hound's tongue in a northern region where the temperature falls to -40° C. The plant is used to protect grain in stacks against rodents.

Institution :

.....

Submitted :

.....

NAME : UMR
 SUBJECT : Cultivat of Plants, Potatoes, Vegetables,
 Cucurbits.
 PERIODICAL : *Tr. Znan.-Biologiya, [e.]*, 1958, No. 1874
 AUTHOR : Kostin, K.V.
 TITLE : Indoor Cultivation of Red Siliquous Pepper.

PERIODICAL : *Sad i Ogorod*, 1958, No. 7, 24-25

ABSTRACT : No abstract.

CARD : 1/1

AUTHOR: Kostin, K.V., Candidate of Technical Sciences (Ukhta, Komi ASSR)

TITLE: The Acclimatization of the Horse-Radish in the Basin of the Ukhta River (Aklimatizatsiya khrena v basseyne reki Ukhty)

PERIODICAL: *Priroda*, 1958, Nr 7, pp 118-119 (USSR)

ABSTRACT: The roots of the horse-radish *Armoracia rusticana* are not only much liked but also contain 0.1 to 0.25% vitamin C and a considerable amount of lysozyme which makes it an excellent antiscorbutic and bactericidal means. These qualities make the horse-radish an especially suitable vegetable under conditions of the extreme northern regions. Since the roots are not easily subject to rotting and do not lose their food and other values over a long period of time, they must be considered a valuable stock vegetable which does not require special storage facilities. The author started the cultivation of horse-radish, bought in a market in Moscow, in his garden in Ukhta in spring 1954. In the first year the stems became 70 to 80 cm high with ample foliage and the root system went 65 cm deep. The roots left in the ground in winter had reached the normal

26-58-7-40/48

The Acclimatization of the Horse-Radish in the Basin of the Ukhta River

thickness of 12 to 16 mm by fall 1956. That the plants flowered and bore seeds every year, is probably due to the large amounts of light in the Arctic summer months.

1. Vegetables--Acclimatization

Card 2/2

KOSTRIN, K.V., kandidat tekhnicheskikh nauk (Ukhta, Komi ASSR).

Unusual formation on the leaves of Allium fistulosum. Priroda 46
no.1:118 Ja '57. (MLRA 10:2)

(Ukhta--Onions)

KOSTRIN, K.V. (Ufa.)

"Two-legged" oak. Priroda 49 no.7:110 J1 '60.
(MIRA 13:7)

(01:)

KOSTRIN, K.V. (Ufa)

Unusual tomato. Priroda 50 no. 2:46 F '61.
(Tomatoes)

(MIRA 14:2)

VOL'F, M.B.; KIGYMER, M.L.; KOSTRIN, K.V.; DADAYAN, G.T.

Increasing diesel fuel resources by decreasing the production of
ligroine-kerosine fractions. Trudy Bash NIINP no.5:32-41 '62.

(MIRA 17:10)

KOSTRIN, K.V.; SABADASH, Yu.S.; MALIKOV, F.Kh.; SAKAYEV, R.A.

Thermal reforming of straight-run gasoline. Trudy Bash NIIMP no.5:41-
51 '62. (MIRA 17:10)

KOSTRIN, K.V., prof. (g. Ufa); PREZENT, I.I., akademik

"They retreated underground" by I.A. Khalifman. Reviewed by
K.V. Kostrin, I.I. Present. Biol. v shkole no.5:93-95
S-0 '62. (MIRA 16:2)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk
imeni Lenina (for Present).

(Termites)
(Khalifman, I.A.)

KOSTRIN, K.V.

Increasing the production of bitumens in the bitumen units of petroleum refineries. Trudy Bash NIINP no.5:150-164 '62.

(MIRA 17:10)

KOSTRIN, K.V., prof. (Ufa)

Ants as the defenders of forests; bibliography of G. Cotti on red
ants. Priroda 53 no.7:122-123 '64. (MIRA 17:7)

KOSTRIN, K.V.

Ukhta oil in Hamburg in 1747. Izv.vys.ucheb.zav.;neft' i
gaz 7 no. 1:105-106 '64. (MIRA 17:7)

RUSSIA, R.S.

Notes on the history of the production and use of asphalt and
petroleum bitumens. Izv. vyz. zav., neft' i gas 7 no.6:115-119 '64.
(MIRA 17:9)

KOSTRIN, K.V., prof.

Important landmark in the history of the petroleum industry.
Izv. vys. ucheb. zav.; neft' i gaz 7 no.8:7-11 '64.

(MIRA 17:10)

KOSTRIN, K.V.

Bituminous minerals in the Mineralogy by Biruni. Geol. nefiti i
gaza 9 no.1:61 Ja '65. (MIRA 18:3)

KOSTRIN, K.V.

Oldest evidence of the production and use of petroleum in the Soviet Union. Izv. vys. ucheb. zav.; neft' i gaz. 8 no.5:115-119 '65.

(MIRA 18:7)

KOSTRIN, K.V.

Secondary energy resources of petroleum refineries as enormous potentials increasing their profitability. Khim. i tekhn. topl. i masel 10 no.2:59-60 F '65.

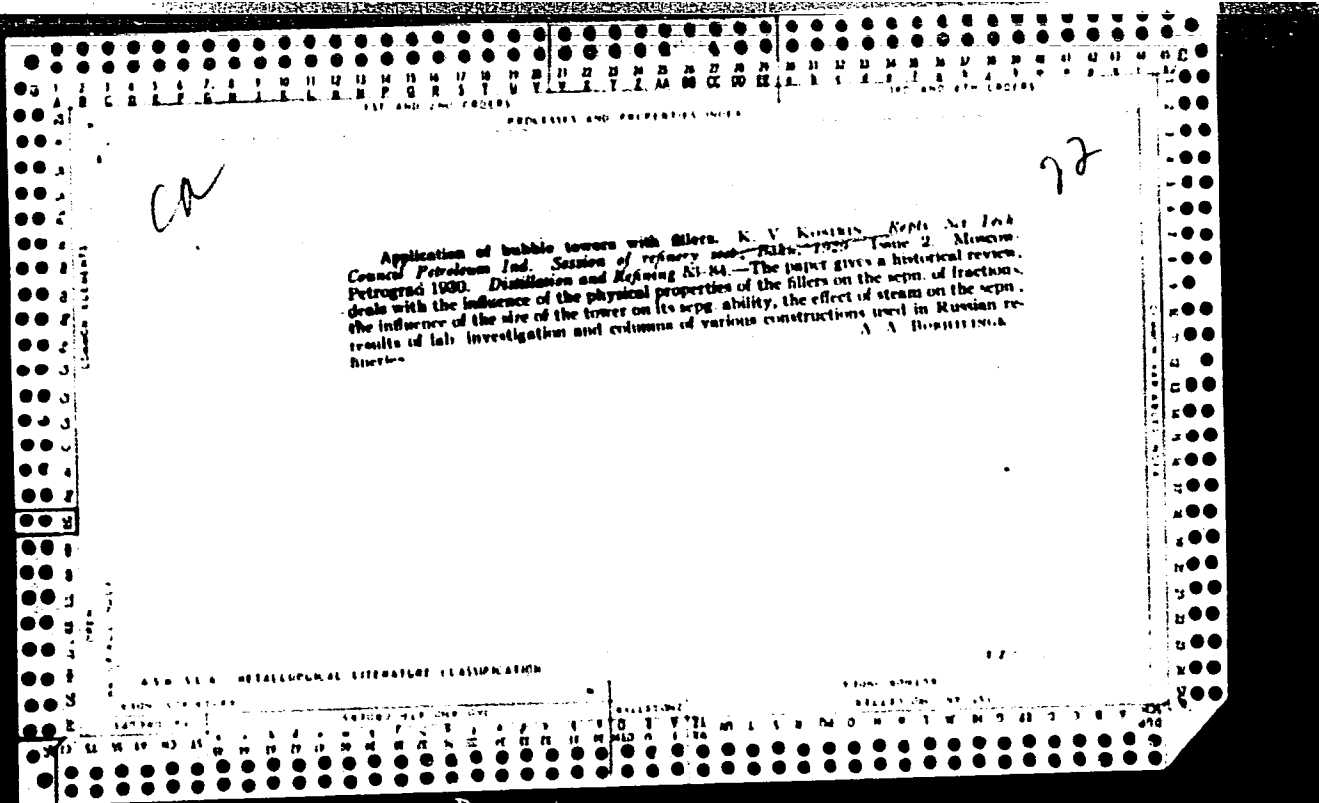
(MIRA 18:8)

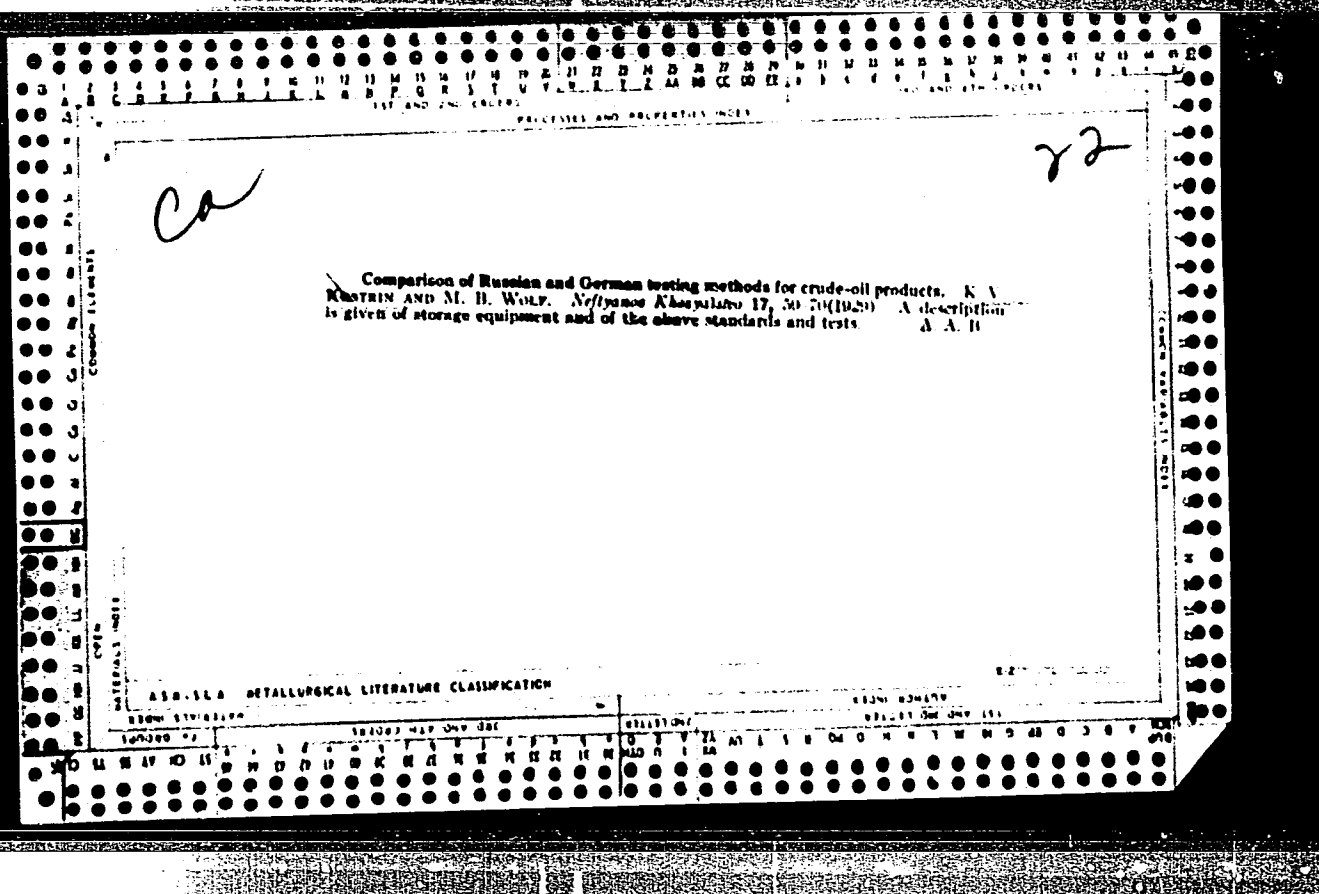
KOSTRIN, K.V., prof. tekhnologii nefiti

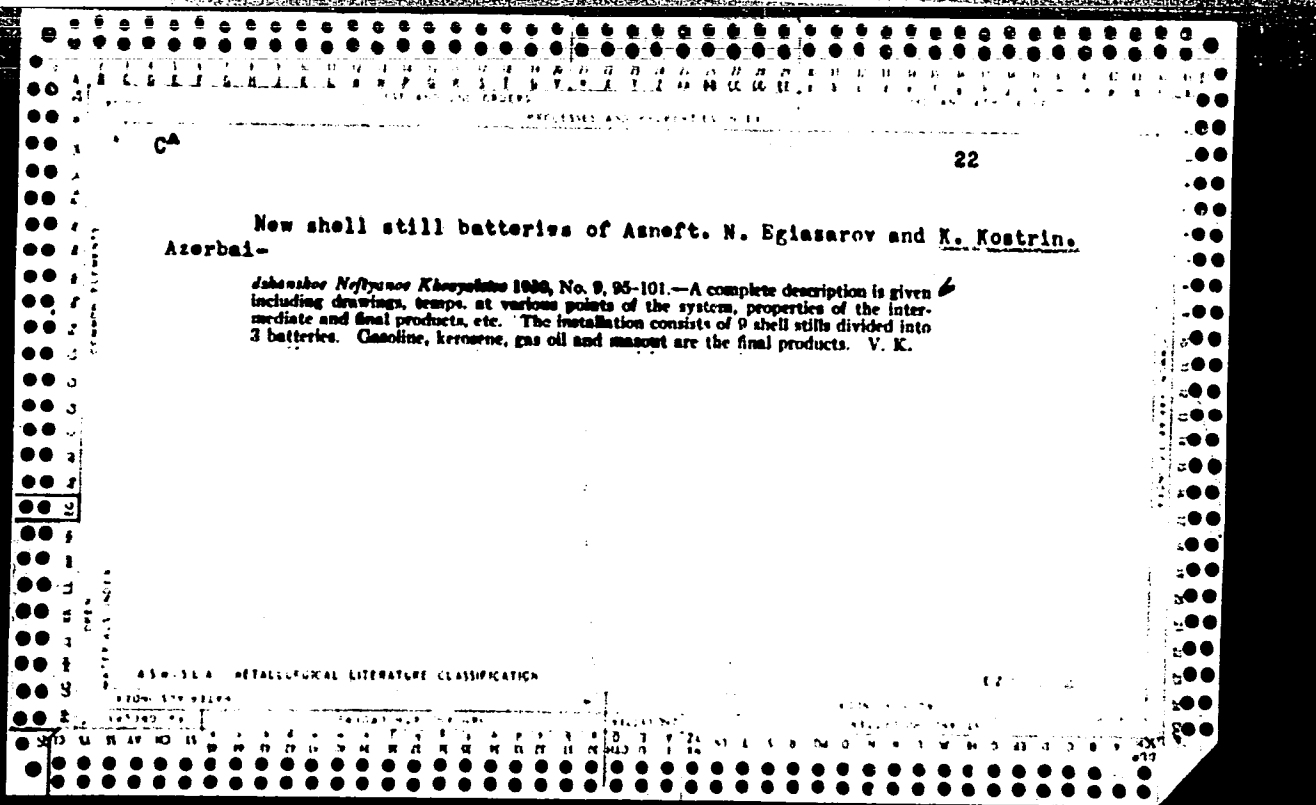
Millennial history of asphalt. Avt. dor. 28 no.12:27-28

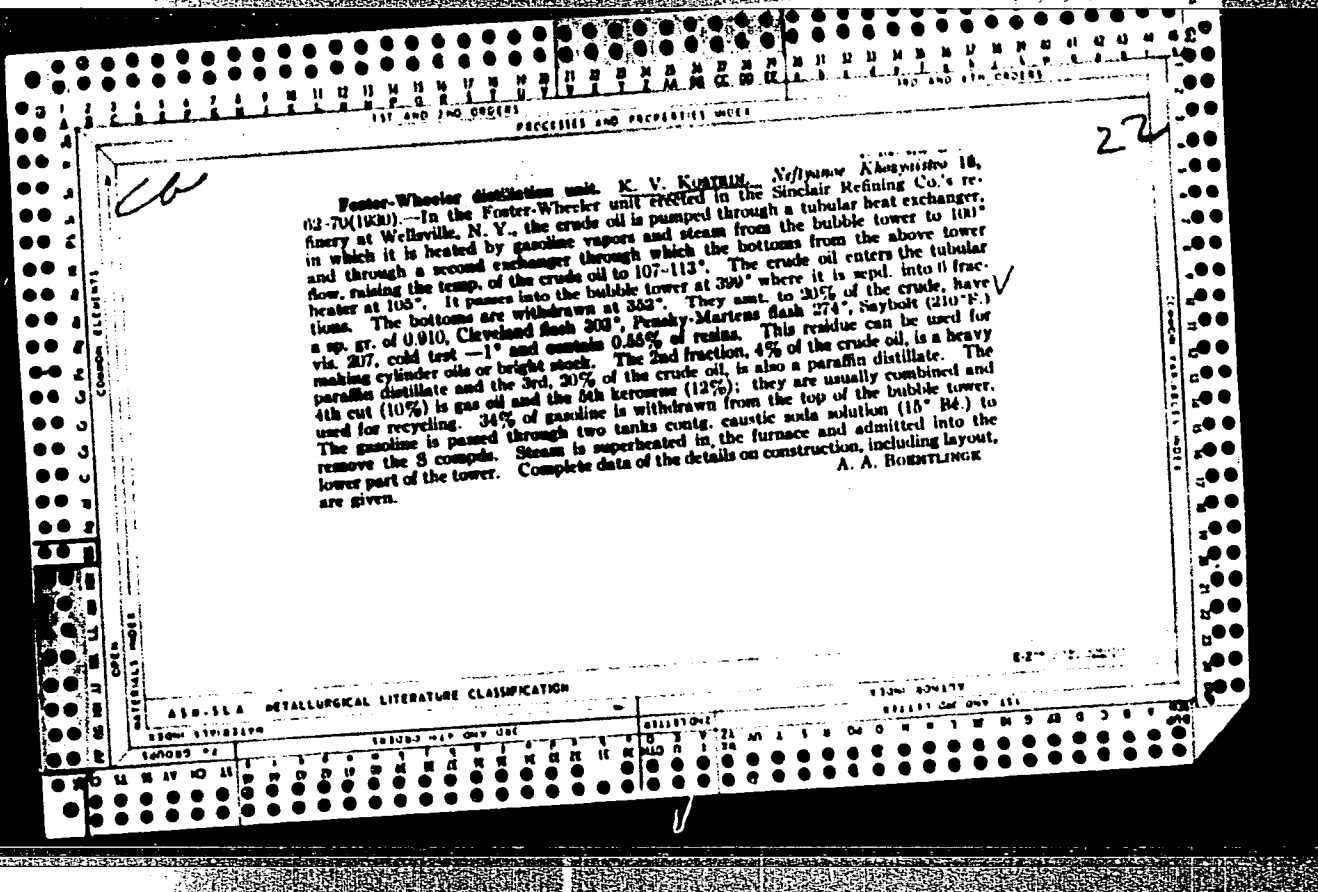
D '65.

(MIRA 19:1)









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101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200

201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300

301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400

401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500

501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600

601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700

701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800

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PROCESSES AND PROPERTIES INDEX

131 AND 2ND CROSSING

132 AND 4TH CROSSING

2.2

*Influence of the gasoline content of crude oil on the yield of gasoline on distillation. K. KURATIN. *Aerobudshchik Neftyanoe Khozyaistvo* 1931, No. 7, 8, 58-67. The Baku method for the detn. of the potential gasoline content of crude oil follows: Three kg. of crude oil preliminarily dried with Na sulfate is charged into a still equipped with a Gadashin dephlegmation column and the distn. is carried out at a rate of 3 drops per second. This method is compared with others used in other countries and is considered to be the most accurate. The actual amt. of gasoline present in crude oil is shown more accurately when the distn. is carried out with a smaller charge. The higher the gasoline content of crude oil, the more complete is its extr. A. A. Himmelfarb.*

METALLURGICAL LITERATURE CLASSIFICATION

PROCESSES AND PROPERTIES INDEX

Preparing lubricating oils from Surakhanal crude oil. K. V. KUSTAIN. *Repts. Lubricating Oil Commission, U. S. S. R. 2, 7-15(1932)*.—A fuel oil having the following properties was treated with 4.87% fuming H₂SO₄ (20% SO₃): d. 0.8910, flash point 110°, fire point 149°, pour point +25°, E₁₀₀ viscosity 1.40 and a dark green color. The treatment was continued for 15 min. and settling for 4 hrs. at 46°. The losses amounted to 9.9%. The oil minus acid sludge was treated with 3.4% of fine activated clay in a still heated to 326°, whereby 45% was distd. with steam. This distillate (gas oil) had d. 0.855 and flash point 99°. The residual oil, after the removal of the suspended clay, had d. 0.9036, flash point 230°, fire point 265°, pour point +33°, E₁₀₀ viscosity 2.32 and color (Dubsoc) 2 mm. This oil was distd. with 70% naphtha of d. 0.7351, initial b. p. 84° and end point 155°. This mist. was heated to 43° and then gradually cooled to -42°. The soln. was dewaxed in a Sharples super-centrifuge and the petrolatum freed from naphtha by distn., yielding 24% of petrolatum based on the oil (d. 0.9036) of 54° melting point. The dewaxed oil, after distn. of the naphtha, amounted to 38% of the original fuel oil. It had d. 0.9036, flash point 232°, fire point 265°, pour point -12°, E₁₀₀ viscosity 2.10, E₅₀ viscosity 24.71, color (Dubsoc) 2.0 mm. Conradson carbon 0.6%. On distn. this oil produced (1) 61% of a bright stock of d. 0.9111, flash point 277°, fire point 315°, pour point -12°, E₁₀₀ viscosity 3.75, color (Dubsoc) 1.0 mm. and Conradson carbon 1.0%, and (2) 39% of a neutral stock of corresponding values 0.8911, 210°, 240°, -12°, —, 7.30, E₅₀ viscosity 7.30, color (Dubsoc) 0.4.

— A plant is now being erected in Baku. It will have a daily capacity of 145 metric tons of finished oil, the process, described in detail, will consist in (1) concn. of the fuel oil, (2) treatment with concd. H₂SO₄, (3) contact clay treatment, (4) chilling of the oil soln. in naphtha and dewaxing and (5) distg. off the naphtha from the oil and the petrolatum. The Shapiro method dealing with dewaxing of oil (description not furnished) is discussed. The results, however, are not as satisfactory as those obtained in the selected process. A great number of tabulated data and a detailed description of the plant are furnished.

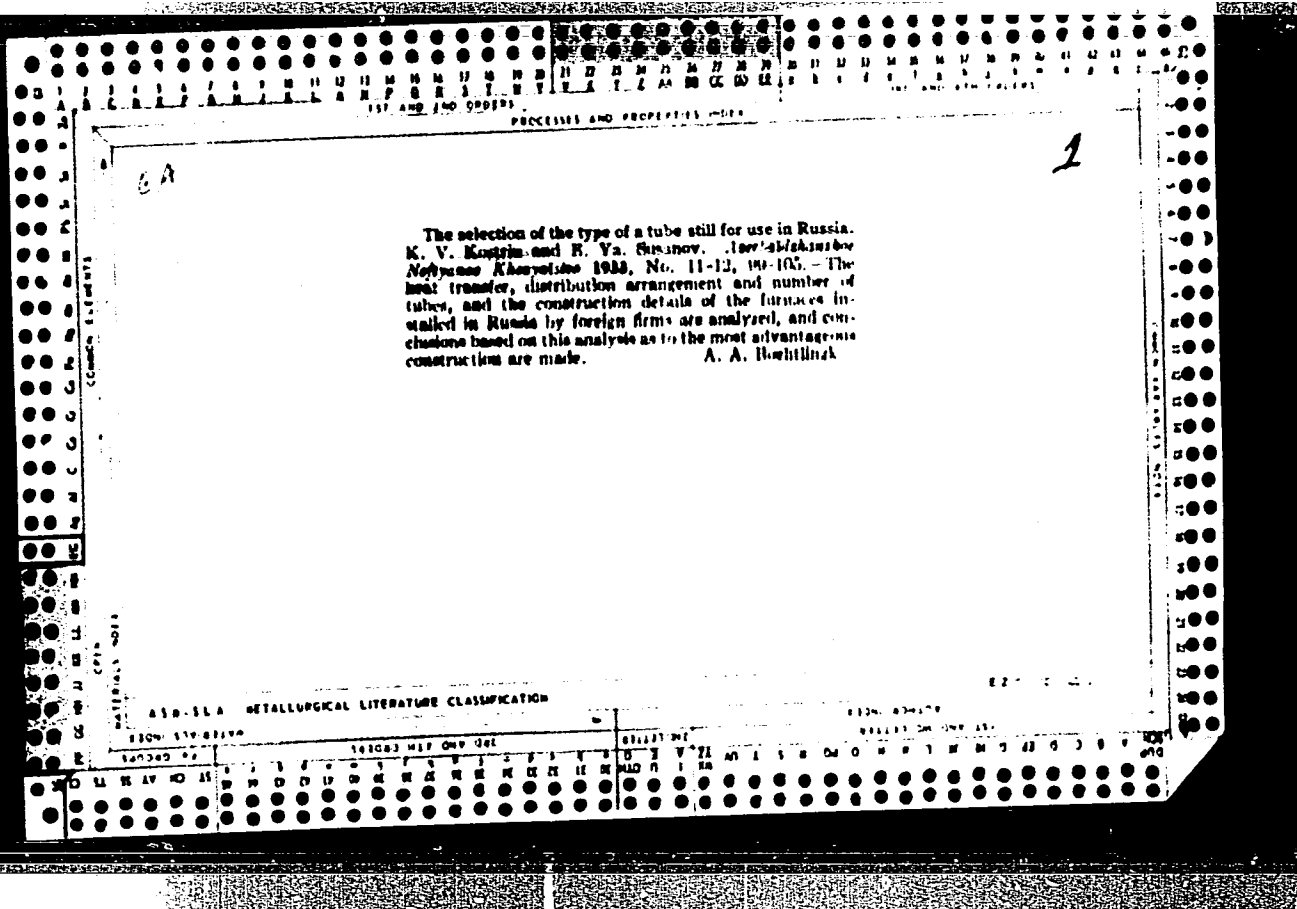
A. A. BOENTLINGER

ASS. S. L. S. METALLURGICAL LITERATURE CLASSIFICATION

MATERIALS INDEX

CROSS ELEMENTS

GROUP ELEMENTS



PROCESSES AND PROPERTIES INDEX

1ST AND 2ND ORDERS

1ST AND 2ND ORDERS

22

ca

The lubricating-oil-treating unit in Baku. K. V. Kos...
 trin. *Nefi* 5, No. 5, 13-14 (1954). The Baku lubricat-
 ing-oil-treating section is composed of 4 units, each having
 a daily capacity of 450 tons of finished lubricating oil.
 The treatment is carried out in 2 ways. (I) The machine-
 oil distillate is obtained by passing the stripped crude oil
 through Badger units together with calcined Na_2CO_3 for
 the removal of naphthenic acids. The distillate is treated
 with H_2SO_4 and clay, the oil-clay suspension being passed
 through a tube still and the clay being sepd. by passage
 through Sweetland filters and monel perforated-plate
 filters. (II) Heavy cylinder oil distillate is treated with
 H_2SO_4 and NaOH (without a preliminary Na_2CO_3 treat-
 ment), the distn. being carried out in Akco vacuum stills.
 A. A. Bochtlinek

COMMON ELEMENTS

COMMON VARIABLES INDEX

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS	1ST AND 2ND ORDERS	1ST AND 2ND ORDERS	1ST AND 2ND ORDERS
1ST AND 2ND ORDERS	1ST AND 2ND ORDERS	1ST AND 2ND ORDERS	1ST AND 2ND ORDERS

100 AND 100 (0000) PROCESSES AND PROPERTIES INDEX 100 AND 100 (0000)

22

The most advantageous method of treating Balakhanui light crude oil. K. Y. Kostin and B. M. Rudak. *Azerbaidzhanches Neftyanoe Khozyaystvo* 1936, No. 6, 65-8. — Difficulties experienced in the prepn. of a stable and transparent machine oil were overcome by mixing different crude oils or their distillates before distn. A. A. B.

ASB-11A METALLURGICAL LITERATURE CLASSIFICATION

FROM SYMBOL	FROM SYMBOL	FROM SYMBOL
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1ST AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX 1ST AND 2ND ORDERS

CA 22

One of the problems encountered in contact filtration.
 K. V. Kostin, B. M. Ruzbak, E. A. Al'fimova and A.
 Koshchitzina. *Azerbaidzhanstoe Neftyanoe Khozyaistvo*
 1985, No. 6, 72-4. --Contrary to the prevailing opinion,
 clay is not the only neutralizing agent in the contact filtra-
 tion of acid-treated lubricating oil. Elevated temps. cause
 the evapn. of part of the acid as well as the decompn. of
 H₂SO₄ to SO₂ and SO₃ which are carried off by the stream
 of air or steam. Therefore, it is essential that vapor-
 discharge tubes of the treating equipment be constructed
 from cast iron and be as short as possible to avoid conden-
 sation of acid vapors. A. A. Bochtinsk

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

MATERIALS INDEX CHEMICAL ELEMENTS

PROCESSING AND PROPERTY INDEX

1ST AND 2ND ORDERS

30

The latest tube stills and their application in the distillation of petroleum. *Кислородо- и водородостойкие нефтяные аппараты* 1933, No. 7-8, 77-84. - A critical analysis of the Arthur G. McKee and Co., Badger, Foster & Wheeler, DePhores, Akorn and Lummas tube stills is presented. The A. S. Kravtsov tube still of Russian construction has the convection chamber under the radiant section, the convection tubes being placed at a right angle to the radiant tubes. The oil burners are placed at the front and the flame is directed upward by baffles. The combustion gases pass from the radiant section through checker brick work into the convection section and descend to the surface of the convection tubes, being finally discharged through a passage beneath the convection section. The radiant section is equipped with 2 banks of roof tubes and with 2 coils of single bank wall tubes.

A. A. Boshlinsk

450.314 METALLURGICAL LITERATURE CLASSIFICATION

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KOSTRIN, K.V.

Device for removing "stagnant residues" from tanks.

Neftianik 1 no.4:31-32 Ap '56.

(MLRA 9:10)

1. Glavnyy tekhnolog neftepererabatyvayushchego zavoda.
(Petroleum--Storage) (Tanks)

KOSTRIN, K.V.

Improving the performance of oil traps of the open type. Neftianik 1
no.12:13-15 D '56. (MIRA 12:3)

1. Ispolnyayushchiy obyazannosti glavnogo inzhenera Ukhtinskogo nefte-
pererabatyvayushchego zavoda.
(Petroleum refineries--Equipment and supplies)

KOSTRIN, K.V.

Improve the quality of technical literature for workers. Neftianik 1
no.12:30-32 D '56. (MIRA 12:3)

1. Ispolnyayushchiy obyazannosti glavnogo inzhenera Ukhtinskogo
neftepererabatyvayushchego zavoda.
(Petroleum industry)

Koetain - K. U.

processing tube equipment under

flushing with light fractions.

KOSTRIN, K.V.

Improving the waste control and trapping operation in refineries.
Nefk.khos. 34 no.10:46-51 0 '56. (MLRA 9:11)
(Petroleum--Refining)

KOSTRIN, K.V.

KOSTRIN, K.V.

Improving acid-base purification of illuminating kerosene.
Neftianik 2 no.9:13-15 S '57. (MLRA 10:9)

1. Glavnyy tekhnolog Ukhinskogo neftepererabatyvayushchego zavoda.
(Kerosene)

~~KOSMID, R.V.~~

New method of using ammonia water for corrosion protection of
equipment. Azerb.neft.khos. 36 no.8:30-32 Ag '57. (MIRA 10:11)
(Ammonia) (Corrosion and anticorrosives)
(Petroleum--Refining--Equipment and supplies)

KOSTRIN, K.V., kand.tekhn.nauk

~~Improving working conditions in petroleum refining industry.~~
Bezop. truda v prom. 2 no.7:33-34 J1 '58. (MIRA 11:9)
(Petroleum industry--Safety measures)

92-52-5-28/30

AUTHOR: Kostin, K. V., Chief Process Engineer

TITLE: The Thirtieth Anniversary of Soviet Pipe Stills (30 let sovetskim trubchatkam)

PERIODICAL: Neftyanik, 1958, Nr 5, pp 31-32 (USSR)

ABSTRACT: The author states that the first two atmospheric pipe stills, designed to process petroleum, were put into operation in the Soviet Union 30 years ago. At that time there was a great need for petroleum products in the Soviet Union. The old refineries of Baku had deteriorated during World War I and the subsequent upheaval, and they had been rebuilt. But they were not in a position to satisfy the existing demand. It was, therefore, necessary to proceed without delay with the modernization of old equipment and with the construction of new refineries. The first Soviet refinery, built from Soviet material without foreign aid, was designed and erected between 1926 and 1927, and it was put into operation in 1928. It consisted of two pipe stills with auxiliary equipment. Realizing the importance of this undertaking, the government supported the efforts of refiners to increase the yield of petroleum products. The flow chart given by the author shows how one of the

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The Thirtieth Anniversary (Cont.)

92-58-5-28/30

above units operated when it was first put into operation. The old petroleum processing unit considerably differed from the unit used at present. It had a very limited number of pumps, and these were all steam piston pumps. Crude oil was flowing by gravity to the unit from elevated tanks. During the first years of operation both units processed only the light Surakhan oil and each unit produced between 600 and 700 tons per day. The light product yield of the unit equalled 39-42 percent. The quality of petroleum products yielded by these units corresponded to standard specifications which were in force at that time. Soviet specialists encountered considerable difficulties in running these units because there was no technical information obtainable from the USA, where similar units were built and put into operation earlier. Units were run on the basis of tests and experiments made by refiners on the spot. The refinery under discussion was gradually modified and modernized. The author of the article personally participated in the planning, designing and running of this refinery, and in this connection he submitted a number of reports to the Scientific and Technical Council of the Soviet petroleum industry.

ASSOCIATION: Uchtinskij nesteperevalnyy rafinirnyy zavod (Ukhta Refinery)

1. Petroleum industry--USSR

Card 2/2

Sov/92-58-6-12/30

AUTHOR: Kostrin, K.V., Chief Process Engineer

TITLE: Our Efforts to Prevent Losses (Nash opyt bor'by s poteryami)

PERIODICAL: Neftyanik, 1958, Nr 6, pp 15-16 (USSR)

ABSTRACT: The author states that the problem of reducing petroleum product losses at refineries, and the closely linked problem of protecting natural water basins from pollution by industrial slops cannot be solved exclusively by technical measures. Both problems have to be discussed at educational meetings and explained to the personnel of various refinery departments, units, and sections. It is necessary to persuade the personnel that the recovery of slop oil is not only the job of men in charge of traps and sewer system, but the job of the refinery personnel as a whole. Principles relating to the prevention of petroleum product losses, and to measures against the pollution of water may be indoctrinated in a different way. At the Ukhta refinery the manuals contain instructions on handling the sewer system, on preventing petroleum product losses, and on recovery of slop oil. The literature pertaining to this subject in general is disseminated among refinery staff members. In addition refinery workers attend courses at which they are instructed on how water should be removed from petroleum tanks without incurring petroleum product losses, how water should be drained from settling tanks, how sampling operations should be carried out, how vacuum fractionating towers should be operated without letting solar

Card 1/2

Our Efforts to Prevent Losses

Sov/92-58-6-12/30

fractions be entrained into barometric condensers, etc., etc. When the educational course is completed, an examination is given to test the knowledge of the personnel taking the course. Furthermore, posters inviting workers to save every drop of "black gold", to reduce water consumption, and to combat water pollution are displayed at various places in the refinery area. As a result of such an educational campaign against water pollution and petroleum product losses, the personnel of the Ukhta refinery now take utmost care in performing their duties. In two years the oil content in refinery slops has dropped from 180-200 mg. per liter to 25-30 mg.

ASSOCIATION: Ukhtinskiy neftepererabatyvayushchiy zavod (Ukhta refinery)

1. Petroleum industry—USSR
2. Refineries—Operation
3. Personnel—Training

Card 2/2

22(1)

SOV/92-58-8-27/36

AUTHOR: Kostrin, K.V.

TITLE: Useful and Helpful Book (Poleznaya i nuzhnaya kniga)

PERIODICAL: Neftyanik, 1958, Nr 8, p 31 (USSR)

ABSTRACT: The author states that the book by M. Nagiyev headed "Miraculous Substance", which was published as a textbook for students, is very useful and helpful. The nature of hydrocarbons, chemical composition of petroleum, its processing and products are discussed in this book which also deals with production of alcohol washing reagents, plastics, synthetic rubber and chemicals obtained from petroleum. However, it has too much theoretical data for a textbook and does not deal sufficiently with the history of the petroleum production and refining.

Card 1/1

KOSTRIN, K.V.

Fedor Priadunov, constructor of the first industrial petroleum refining installation. Izv. vys. ucheb. zav.; neft' i gaz 2 no.5:113-117 '59. (MIRA 12:8)

1. Ukhtinskiy neftekombinat.
(Distillation apparatus)

KOSTRIN, K.V.

From the history of the rise of scientific and technical literature
on petroleum in Russia. Izv. vys. ucheb. zav.; neft' i gaz 3
no.1:127-130 '60. (MIRA 14:10)

1. Ufimskiy neftyanoy institut.
(Petroleum industry)

KOSTRIN, K.V.

From the history of the development of studies on combustible
shales in Russia. Izv.vys.ucheb.zav.: neft' i gas 3
no.6:137-142 '60. (MIRA 13:7)
(Shale)

KOSTRIN, K.V.

Petroleum in Russia in the first quarter of the 18th century.
Izv. vys. ucheb. zav.; neft' i gaz 3 no.11:123-128 '60.

(MIRA 14:1)

(Petroleum)

KOSTRIN, K.V.

"Technology of oil and gas refining" by V.E. Parkhomenko.
Reviewed by K.V. Kostrin. Neftiank 5 no.3:34-35 Mr '60.

(MIRA 14:9)

(Petroleum—Refining)
(Parkhomenko, V.E.)

KOSTRIN, K.

New attempt to distort the history of the petroleum industry.
Neftianik 5 no.9:32-33 S '60. (MIRA 13:9)
(Petroleum industry)

KOSTRIN, K.V.

A treasured relic of the Russian petroleum industry. Neftianik
5 no. 12:25-26 D '60. (MIRA 13:12)
(Distillation apparatus)

KOSTRIN, K.V., prof.

Wonder substance ("Book about petroleum" by A.Krasnov. Reviewed
by K.V.Kostrin). Tekh.mol. 28 no.11:31 '60. (MIRA 13:12)

(Petroleum)
(Krasnov, A.)

KOSTRIN, K.V.

M. V. Lomonosov and his theory of the organic origin of petroleum;
250th anniversary of his birth. Izv. vys. ucheb. zav.; neft' i gaz
4 no.6:139-144 '61. (MIRA 15:1)
(Petroleum geology) (Lomonosov, Mikhail Vasile'vich, 1711-1765)

AKIMOV, V.S.; KOSTRIN, K.V.; KREYMER, M.L.; SABADASH, Yu.S.

Rebuilding pressure vacuum distillation thermal cracking units in
the Bashkir petroleum refineries. Khim. i tekh. topl. i masel 6
no.11:11-14 N '61. (MIRA 14:12)

1. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke
nefti.

(Bashkiria--Petroleum refineries--Equipment and supplies)

KOSTRIN, K.V.

Compounding petroleum products. Neftianik 6 no.1:34 Ja '61.
(MIRA 14:4)

(Petroleum--Refining)

KOSTRIN, K.V.

✓ Doubling the capacity of an asphalt plant. Neftianik 6 no.2:15-16
F '61. (MIRA 14:10)
(Ukhta--Petroleum refineries--Equipment and supplies)

KOSTRIN, K.V.

Books on the history of science and technology. Neftianik 6
no.10:35 0 '61. (MIRA 14:10)

(Chemical industries)
(Petroleum industry)

KOSTRIN, K.V.

M.V.Lomonosov's works on petroleum research; on the 250th anniversary of his birth. Khim. i tekhn. topl. i masel 6 no.11:70-71 N '61.
(MIRA 14:12)

(Lomonosov, Mikhail Vasil'evich, 1711-1765)

KOSTRIN, K.V.

"Laboratory rectification handbook" by E. Krell. Reviewed
by K.V.Kostrin. Neftianik 6 no.12:36 D '61. (MIRA 14:12)
(Distillation, Fractional)

KOSTRIN, K.V.

More about the origin of petroleum refining in the north of
Russia. Let. Sev. 3:201-206 '62. (MIRA 15:8)

1. Bashkirskiy neftyanoy institut, g.Ufa.
(Russia, Northern--Petroleum--Refining)