

Service Includes Handling of Technical Correspondence

NO DOUBT all A.O.C.S. members are familiar with the romantic development whereby a group of Cotton Products Analysts, who had organized to develop and standardize analytical methods to govern trading in those products, became the leading scientific society in the world dealing with all fatty oil products.

Everyone is likely to say "greatest in the world" even when they may really mean "greatest in this country" or even in a specific locality.

So the membership may take pride in the fact that the Society actually is predominant in this field, not only in number of members and in publishing the best journal of its kind in the world but also in its service to the fatty oil industries at home and abroad.

Surprisingly enough, one-third of the subscriptions to the Journal are from readers outside of the United States, and this covers countries all over the world, particularly where there is any considerable production of fatty oil products; 276 of the Society's membership are from outside the United States, for instance.



J. P. Harris

AS THE SOCIETY and its Journal have developed, the need for specialized services has naturally increased. Uninvited, many members and subscribers to the Journal both at home and abroad have written in to clarify points which have been brought to their attention through publication of original papers or to obtain information covering their processes or their products.

So it became necessary to appoint a Technical Correspondent to handle this mail in order to place the inquiring member or subscriber in touch with the best available source of information. The job was most capably performed by R. J. Vander Wal for about five years until 1954, and this editorial is to inform the membership. Probably it will give a better picture of what this service means to quote from a few of the many letters which are received

each week by the Society. So the following is offered:

From South Africa

We are subscribers to the Journal and have been studying copies of it for the past four years and have found them very helpful indeed.

I recently commenced work on the color of solvent-extracted oils, working along the lines that different fatty acids corroded the mild steel and formed iron compounds which produced, in turn, various colors in the resultant oil. It was only recently I discovered that a certain amount of work has already been done on this subject.

I would be much obliged if you could advise me as to where I could obtain the most up-to-date information on this subject.

From Japan

We wish to introduce ourselves as one of the leading margarine manufacturers in this country. We are also one of the subscribers of The Journal of the American Oil Chemists' Society for a long period of time.

In order to improve our production and quality of our product we are looking for the following machines. And we would like to ask your help in making a contact with a good maker of the machines:

HYDROGENATION EQUIPMENT
and
FAT STABILITY APPARATUS
of latest model

At your earliest opportunity please give us names and addresses of your recommended firms who manufacture the above listed machines.

From Lebanon

We will be very grateful if you will be good enough to give us the following information:

1. What is the best and simplest method to take out the oil which is absorbed by the fullers earth in bleaching?
2. We use centrifuges SHARPLES to neutralize the oil, and then in bleaching we use fullers earth; and (when the color is reddish), we use sometimes activated carbon. The result is that we get whitish oil and would like to know what is the method or material to be used to render the oil whiter.
3. Can you give us any suggestions as to what would be an advantageous use of cottonseed hulls with some lint on, which now we are using as fuel?

While we thank you for your past assistance, we thank you in anticipation for the present, and beg you to let us know if there is any expense to pay.

From Egypt

Our firm has at present a project of constructing a new small plant for the production of castor oil, having a daily output of one ton. This being a new experience for us, we should be grateful if you would supply us with information about the most modern equipment and the firms supplying this equipment.

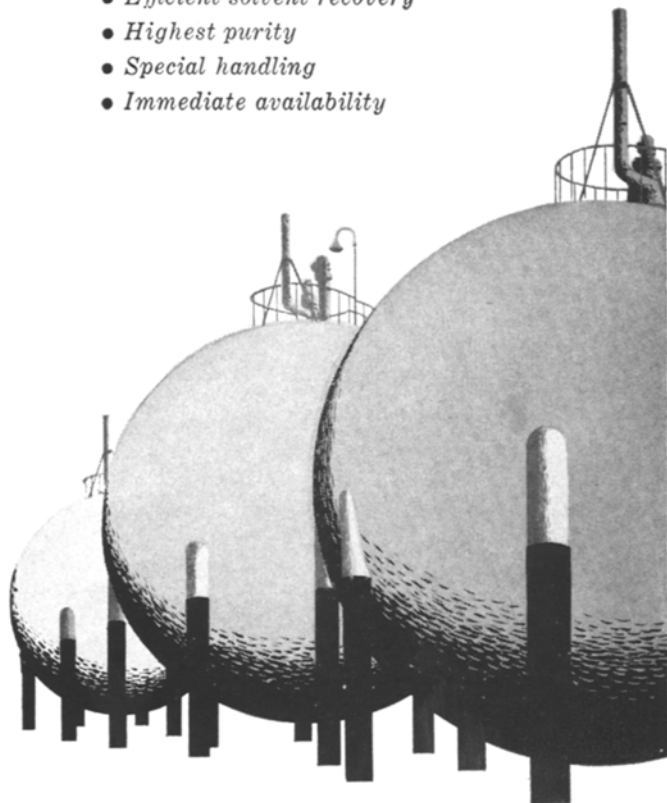
(Continued on page 21)



For more economical processing
be sure you specify

PENOLA HEXANE

**Penola Hexane assures you
high efficiency with
these 7 important features:**

- *High oil recovery*
 - *Low vapor pressure*
 - *Narrow boiling range*
 - *Efficient solvent recovery*
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For your processing needs be sure to specify Penola Hexane for the most efficient and economical performance.

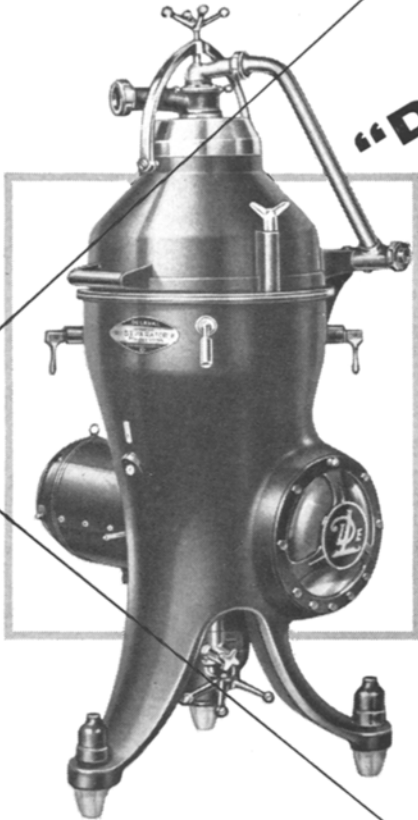
For expert technical assistance and any technical data you require regarding *your* processing operations, be sure to call the Penola Office nearest you



Penola Oil Company *New York • Detroit • Chicago*

You see it on the plans of the most successful vegetable oil refineries...

"DESIGNED BY DE LAVAL"



There are plenty of reasons why... reasons you should investigate before you equip a new refinery or enlarge an old one.

A De Laval-designed, air-free, positive pressure system with the De Laval "Hermetic"* Separator gives you...

- More efficient separation of soapstock
- Drier soapstock discharged
- Improved quality of oil
- Greater refining yield
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- Lower handling costs

For greater performance and profit... find out all the facts. Write De Laval... now.

*Registered Trademark

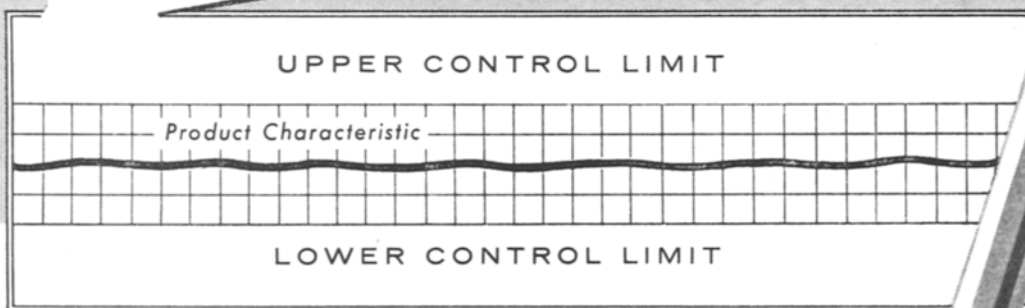


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completely engineered
vegetable oil refineries

A NOTE TO OIL HYDROGENATORS

The Superiority of
RUFERT NICKEL CATALYST FLAKES
lies in its Predictable, Uniform Behavior!



The Oil Hydrogenator increases production efficiency by specifying Rufert Nickel Catalyst Flakes.

- He can depend on a uniform behavior, because Rufert Catalyst is made with the finest materials, under careful manufacturing control.
- He can count on increased output, because Rufert Catalyst speeds oil's acceptance of hydrogen.
- He can be sure Rufert Catalyst will stay purer longer, because of its strong resistance to poison.
- AND, he'll get his catalyst *when he wants it*, because Harshaw produces in quantity.

Please ask us to explain further how Rufert Nickel Catalyst can simplify your catalyst application. Write or call our nearest office.

WRITE FOR
FREE BOOKLET
containing valuable
hydrogenation charts.

THE HARSHAW CHEMICAL CO.

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Cleveland 6, Ohio

Detroit 28, Mich.
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HARSHAW





...when you filter with **CELITE**

THE FLOOD of new brands in the liquid soap and detergent field has made shoppers more selective than ever before. A cloudy product loses out when there's a sparkling clear one on the shelf beside it. And, chances are the ones that sparkle brightest have been filtered with Celite* diatomite filter aids.

Celite provides its exceptional clarity by means of a filter cake that is

hundreds of times finer than the finest wire mesh. Yet, there are 2,500,000 filter channels in each square inch to give the fastest flow rates with any standard filter. Operation is automatic and economical.

Many manufacturers are using Celite today for filtering soaps and detergents which are in a liquid state at some stage. Many ingredients for these products, as well as other fats

and oils, can also be successfully clarified with one of Celite's nine grades. Call a Celite engineer for further information or write Johns-Manville, Box 60, New York 16, N. Y. In Canada, 565 Lakeshore Road East, Port Credit, Ontario.

*Celite is Johns-Manville's registered trade mark for its diatomaceous silica products



Johns-Manville CELITE FILTER AIDS

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Organic Oxidation with H₂O₂ is an accepted production method

Hydrogen peroxide has infinite possibilities in organic oxidation reactions and is playing its part in the production line of many manufacturers. It is being used in the commercial manufacture of many epoxy compounds including plasticizers and selective insecticides, and in the production of pharmaceuticals such as cortisone, anti-histamines and others.

Becco technical consultants—in the field or at our laboratories in Buffalo—are thoroughly familiar with safe and effective methods for using this versatile reagent. You are invited to make use of Becco's modern laboratories, large technical staff, and unparalleled experience in the manufacture and application of hydrogen peroxide. Write for special bulletins on epoxidation and hydroxylation or for Becco's complete list of bulletins on the use of Peroxygen chemicals.

BECCO CHEMICAL DIVISION

FOOD MACHINERY AND CHEMICAL CORPORATION



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***“7,125 men and women
signed up to join those
already saving for their
financial security...”***

GEORGE H. COPPERS

*President,
National Biscuit Company*



“There is no greater honor than partnership in an enterprise as important to a nation as the Payroll Savings Plan for United States Savings Bonds. We view our recent person-to-person canvass of employees in behalf of Bonds as practical patriotism. It supports our Government’s efforts to stabilize the value of the dollar. The campaign also benefited our employees. 7,125 men and women signed up to join those already saving for their financial security in this easy, automatic way.”

The Payroll Savings Plan is the backbone of Series E Bond Sales. 8,500,000 employees in more than 45,000 companies invest more than \$160,000,000 in Savings Bonds every month.

The person-to-person canvass is the keystone of The Payroll Savings Plan. In company after company person-to-person canvasses conducted by employees have increased participation to 60%, 70%—even 90% plus.

Why don’t you conduct a person-to-person canvass in your company? Here are two, simple steps:

- Tell the Savings Bond Division, U.S. Treasury Department, Washington, D. C., you want to conduct a person-to-person canvass, they will show

you how easy it is to install the plan.

- Over your signature tell your men and women you are 100% behind the Payroll Savings Plan because it enables them to build personal security . . . it is a check on inflation and helps to stabilize the dollar . . . it has set up a reservoir of reserve purchasing power—over \$37.5 billion—the cash value of Savings Bonds held by individuals at the end of July, 1954. The greatest reserve of purchasing power this or any other country has ever had.

Your phone call, telegram or letter to Savings Bond Division, U.S. Treasury Department, Washington 25, D. C., will bring prompt co-operation from your State Savings Bond Director. Act today.

The United States Government does not pay for this advertising. The Treasury Department thanks, for their patriotic donation, the Advertising Council and



NEW SARGENT CENTRIFUGAL WET MILLS SIZES 1 & 2

Designed for the preparatory analytical milling of samples, the mills combine the functions of grinding, comminuting, mixing, extracting, dissolving and homogenizing many kinds of samples in the form of solid particles and of solid and fluid mixtures.

The mills are applicable to the distribution in solvents of soft or hard solids of the nature of seeds, starchy or proteinaceous and mildly fibrous solid materials. Particularly applicable to the reduction of oil bearing seeds for the analytical determination of oil content, the mills provide a convenient quantitative milling procedure without con-

amination or loss of the sample. The extraction and solution processes occur simultaneously with the milling.

The Size No. 1 mill will accommodate sample particles of the order of size of small oil bearing seeds including soy, sesame, poppy, flax, etc. The Size No. 2 mill accommodates samples of larger unit size such as corn, peanuts, and cotton seeds, the size being limited by the 15/32 inch diameter peripheral discharge orifices of the rotating grinding surface.

Both mills are driven by motors which rotate the inner grinding surface at 1725 r.p.m. This surface, designated the rotor, is in the form of a hollow cone, tapering downward with six peripheral discharge orifices, 5/16 inch in diameter in the Size No. 1 mill and 15/32 inch in diameter in the Size No. 2 mill. A central inlet opening is located at bottom.

The rotor with its knurled surface is eccentrically located within the ring which provides the stationary stainless steel grinding surface. This ring, designated the stator, has a serrated inner surface, providing the second grinding surface of the mill. The stator is supported by two rods extending from the support housing. In operation solid material discharges into an eccentric annular space between the rotor and stator. The viscous drag of the rotor within this annular space carries the discharged material into the narrow part of the annular space where it is forced through the milling area and reduced by the cutting and crushing action of the two grinding faces.

All immersed elements of the mill are 18-8 stainless steel and have a close, compact design to facilitate the rinsing operation and to minimize the amount of required solution. Sample loss is prevented since there are no gaskets or bearings through which solvents may escape or seals and crevices in which particles may lodge.

The clearance adjustment in both the mills regulates the particle size of the milling material by determining the position of the rotating grinding head in relation to the stator. The mill is capable of grinding a sample to any desired fineness with an approximate limit of 300 mesh, the degree of fineness increasing as the milling period is extended.

S-61680 MILL ASSEMBLY — Centrifugal, Wet, Size No. 1, Sargent (Patent Pending).

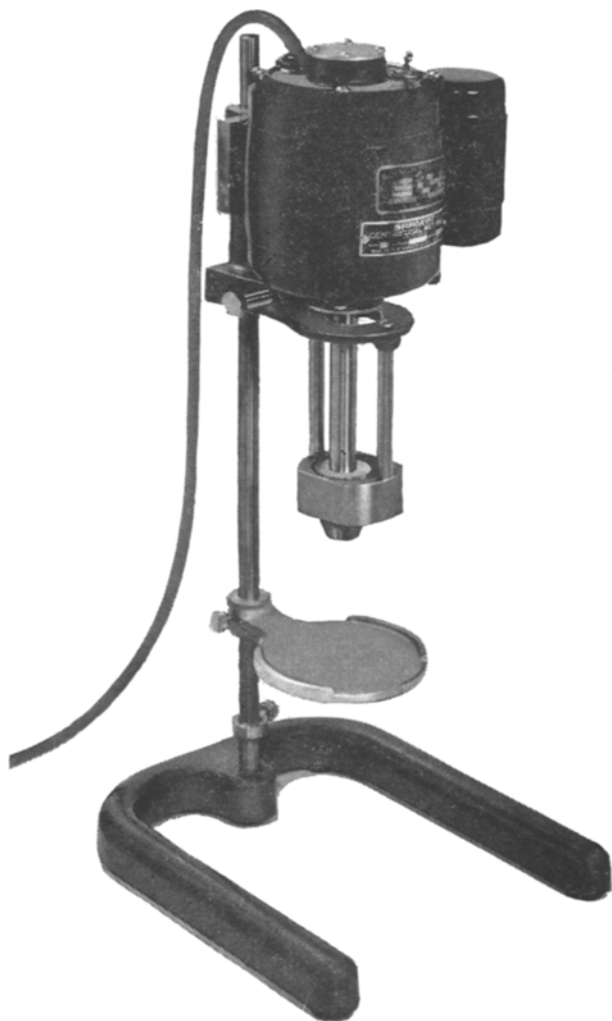
Complete with S-61681 mill, support stand and aluminum beaker support. The support stand has U shaped base, rubber inserts and 18x½ inch 18-8 stainless steel rod. **\$125.00**

S-61681 MILL — Centrifugal, Wet, Size No. 1, Sargent (Patent Pending).

Consisting of mill only without support stand or beaker support. Net weight, approximately 8 pounds; overall height, 10 inches; overall width, 6 inches. Complete with cord and plug for operation from 115 volt, 50 or 60 cycle A.C. circuits **\$110.00**

S-61690 MILL ASSEMBLY — Centrifugal, Wet, Size No. 2, Sargent (Patent Pending).

Consisting of the Size No. 2 mill, support stand and aluminum beaker support. Net weight of mill assembly, approximately 25 pounds; overall height, 19 inches; overall width, 8¼ inches; overall depth, 10 inches. Complete with cord and plug for operation from 115 volt, 50 or 60 cycle A.C. circuits. (Illustrated.) **\$150.00**



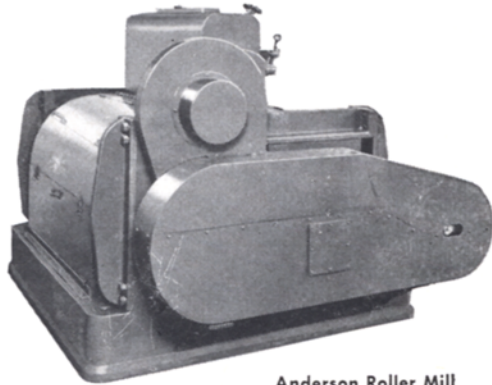
SARGENT

SCIENTIFIC LABORATORY INSTRUMENTS • APPARATUS • SUPPLIES • CHEMICALS

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Now Available*

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25% to 50% Reduction in Residual Oils!



Anderson Roller Mill

**And NOW Even
MORE PROFITS
for OIL Mills**



Anderson Cooker-Dryer

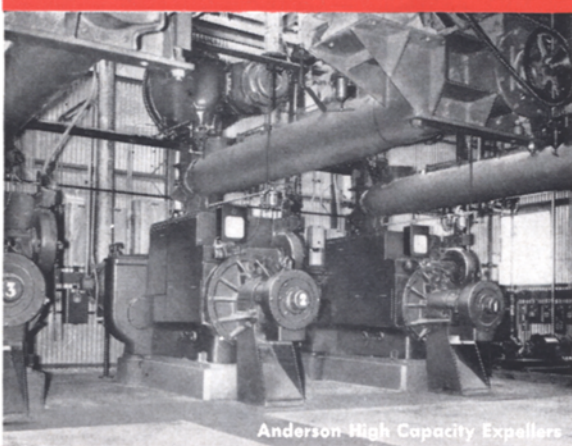
Increased Quality of Oil and Meal Produced

● Here's good news for oil millers everywhere. You can reduce the oil left in press cakes by as much as 25% to 50% with the new Anderson High Capacity Process using the Anderson Roller Mill and Cooker-Dryer in conjunction with the High Capacity Expeller!

Furthermore, this scientifically engineered Anderson process of seed preparation coupled with the latest developments in Expeller practice is producing oil of a quality equal to or better than hydraulic press oil!

Cottonseed oil millers using the new Anderson Expeller Process are consistently obtaining residuals of 3% or under . . . and producing oil and meals of premium quality. Just imagine what this means to an oil mill now pressing 45 tons of cottonseed per day at an average residual of 4% to 6%. This mill by changing to Anderson's new Expeller Process would produce 400 to 1140 more pounds of oil daily, *plus quality up-grading of all oil and meal produced.*

Increases in pressing efficiency are not only true of cottonseed, but are also now possible in all oilseed crushing operations. Write today for a **FREE** Engineering Survey of your mill.



Anderson High Capacity Expellers

FREE—Write for your complimentary copy of the new Anderson bulletin describing the new High Capacity Expeller process.



*World's Largest Supplier
of Extraction Equipment*



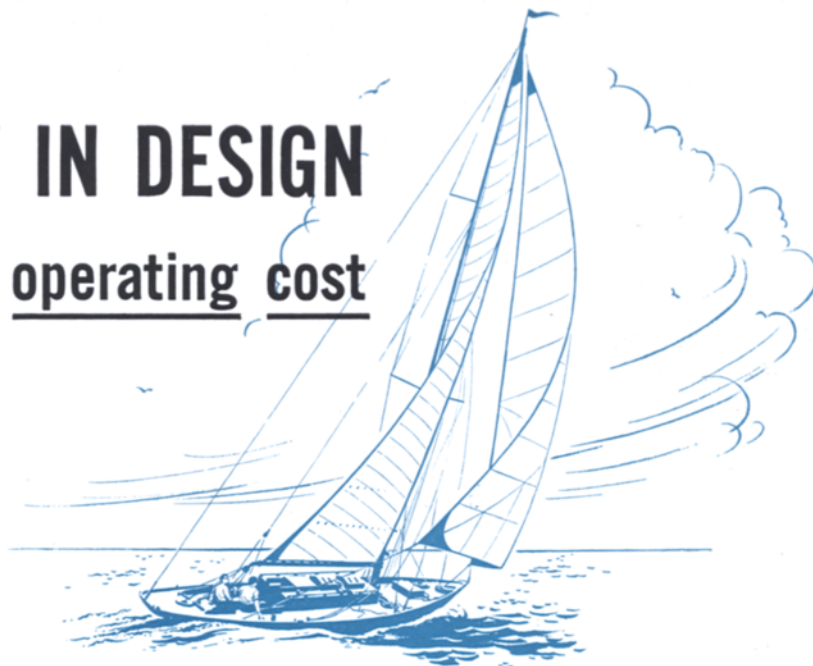
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ANDERSON CO.

1970 West 96th St., Cleveland 2, Ohio
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SIMPLICITY IN DESIGN

and low operating cost



these are two important advantages of



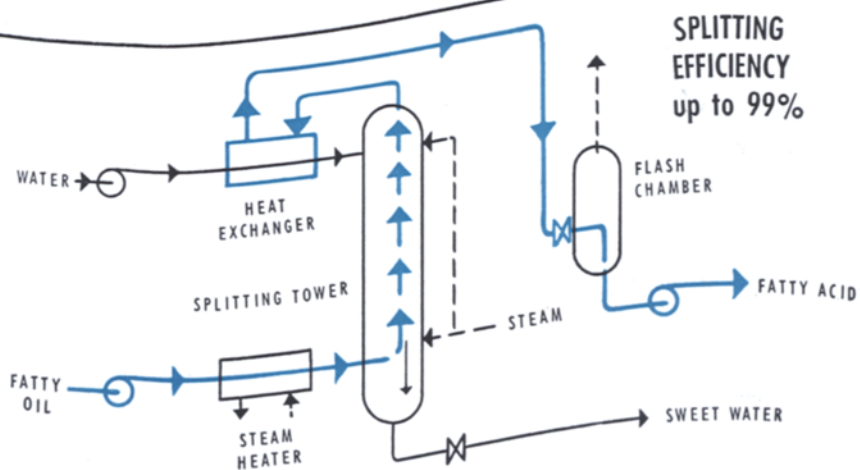
CONTINUOUS FAT SPLITTING

Now thoroughly proved in service, the Colgate-Emery continuous, non-catalytic fat-splitting process as designed and constructed by Foster Wheeler is widely recognized as the simplest and most economical means of producing fatty acids and sweet water. Splitting efficiencies up to 99% are obtained, with minimum steam consumption, low operating manpower and exceptional ease of control.

Foster Wheeler will be glad to quote on your fat-splitting requirements. Write for Bulletin ID-54-5 and fat-splitting reference sheets. Foster Wheeler Corporation, 165 Broadway, New York 6, N. Y.



This modern fat-splitting unit, engineered and installed by Foster Wheeler, is now in continuous service at a major fatty-acid plant.



FOSTER WHEELER

Why di?

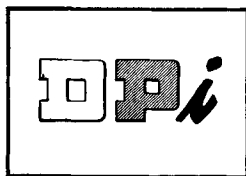
It doesn't make economic sense. Particularly when *diglycerides* are relatively less effective as emulsifiers in shortening and margarine than are *monoglycerides*.

You get mostly monoglycerides in Myverol® Distilled Monoglycerides. This comes about through molecular distillation, a process unique with us, which removes di- and triglycerides from reaction mixtures you would otherwise be buying as your emulsifier. Naturally, this costs a little more, but the difference is more than made up for by the fact that you get a lot more emulsification per pound of emulsifier.

You find, too, that Myverol gives you a "cleaner" consumer or commercial product to boot. For molecular distillation produces a monoglyceride that is without catalyst and very low in free fatty acid and glycerine.

So far so good. Now find out how little Myverol Distilled Monoglyceride is enough for the kind and degree of emulsification you want. We'll work with you in finding the answer. You get started by writing to *Distillation Products Industries*, Rochester 3, N. Y. Sales offices: New York, Chicago, and Memphis • W. M. Gillies and Company, Los Angeles, Portland, and San Francisco • Charles Albert Smith Limited, Montreal and Toronto.

*distillers of monoglycerides
made from natural fats and oils*



Also . . . vitamins A and E

Distillation Products Industries
is a division of **Eastman Kodak Company**

People and Products

A new economical heater equipped with three elements which provide seven operating ranges has been developed by E. H. SARGENT AND COMPANY, Chicago, Ill., for general laboratory use in distillations, evaporations, digestions, or extractions.

The chemical plants division of BLAW-KNOX COMPANY, Chicago, Ill., has installed its first commercial continuous lard deodorization system at the John Morrell and Company plant at Sioux Falls, S. D., where it is processing 30 tons of lard daily.

H. L. BARNEBEY, Columbus, O., announces an improved fatty alcohol manufacturing process. Alcohols are produced by the direct hydrogenation of fats or fatty acids, employing a simple copper-containing catalyst.

BECCO CHEMICAL DIVISION, Food Machinery and Chemical Corporation, Buffalo, N. Y., has announced the preparation of perlauric acid, whose salts are germicidal soaps which combine in one chemical compound the properties of a soap and germicide by the reaction of 90% hydrogen peroxide with molten lauric acid in the presence of a strong acid catalyst.

A new universal laboratory recorder developed by FISHER SCIENTIFIC COMPANY, Pittsburgh, Pa., records any operation that produces a change in potential, current, or resistance.

ARTHUR S. LAPINE AND COMPANY, Chicago, Ill., offers new fat stability apparatus for the activated-oxygen method. It may be used for animal fats, vegetable and cooking oils, shortening, and animal feeds which contain fats.

A new copper strip corrosion test bomb to be used for ASTM D 130 "Test for Copper Corrosion by Petroleum Products" has been designed by PRECISION SCIENTIFIC COMPANY, Chicago, Ill.

The SINDAR CORPORATION TECHNICAL LABORATORIES, New York, N. Y., have developed a new antioxidant to be offered as Compound 19.

A new modified amine curing agent offered by SUELL CHEMICAL CORPORATION, New York, N. Y., is particularly useful in epoxy castings, potting and adhesives, and laminating applications where room temperature or moderately elevated temperatures of curing are desired.

The PERKIN-ELMER CORPORATION, Norwalk, Conn., has announced an attachment for model 21 spectrophotometer which will integrate absorbance values continuously while a spectrum is being recorded.

A new diffusion pump oil which permits the attainment of high vacuum without resorting to traps involving liquid air or charcoal is offered by A. DAIGGER AND COMPANY, Chicago, Ill.

Max Bender, a senior research chemist in the research division of AMERICAN CYANAMID COMPANY, Bound Brook, N. J., has been elected a Fellow of the New York Academy of Sciences.

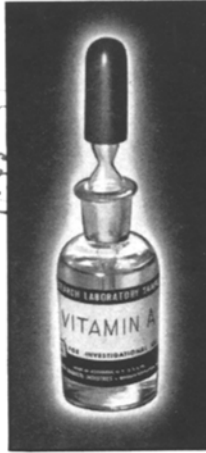
Employees at 14 plants in the United States, Canada, and England will celebrate the centennial of CRANE COMPANY, manufacturers of pipes and pipe fittings, in July.

Publishes Magazine on Patents

A new weekly magazine called Chemical Patgrams devotes a separate page to each of the approximately 100 chemical patents which are issued each week. Information is presented in diagrams, supplemented by text in outline form. Inquiries about this publication should be addressed to Chemical Patgrams, Box 5559, Washington 16, D. C.

Begin "Chemical Who's Who"

The compilation of the fourth edition of "Chemical Who's Who" has been begun by the editors, W. S. Downs and William Haynes. The three groups to be represented are scientific, educational, and industrial and business. Listing will be by invitation, and the edition will be published by the Lewis Historical Publishing Company, New York, N. Y.



Vitamin A

and the battle of the sexes

We aren't sure what weapon it will supply in the war between men and women, but there seems to be a sex difference in vitamin A metabolism.

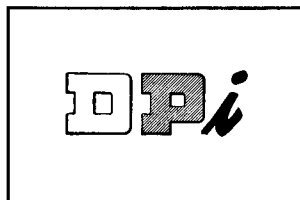
First off, men suffer a deficiency of vitamin A more often than women. And men have a higher plasma vitamin A value. The same with rats. But, female rats store more vitamin A in their livers than male rats do. And so on.

Some think all this may be due to sex hormones. We don't know. We're interested, though, for a number of reasons. One, for example, is that, when you run a liver storage type of bioassay, you ought to make an adjustment in your arithmetic for the difference between females and males.

A promise of reinforcements to either side is not our aim. Our business is to make vitamin A for everyone—man, woman, and child—to make it in bulk as Myvax Vitamin A Acetate or Palmitate for pharmaceutical manufacturers to use as they will; as Myvapack vitamin A in pre-measured cans for food manufacturers to add to their product, one can to a batch. We also make our vitamin A so that it tastes good, and in sufficient quantity so that we can ship it from stock. For information or a quotation, write *Distillation Products Industries*, Rochester 3, N. Y. Sales offices: New York, Chicago, and Memphis • W. M. Gillies and Company, Los Angeles, Portland, and San Francisco • Charles Albert Smith Limited, Montreal and Toronto.

"Myvax" and "Myvapack" are trade-marks.

leaders in research and production of vitamin A



Also . . . vitamin E . . .
distilled monoglycerides . . .
some 3500 Eastman Organic
Chemicals for science and industry

Distillation Products Industries is a division of **Eastman Kodak Company**

a Quiz that may save your life

- Q.** What is cancer?
- A.** An uncontrolled growth of cells. If permitted to spread through the body, it inevitably leads to death.
- Q.** Can cancer be cured?
- A.** Many types can be cured, but only if they are discovered and treated early.
- Q.** How can cancer be discovered in time?
- A.** By your doctor who has available many diagnostic tests.
- Q.** What is the American Cancer Society?
- A.** The only national voluntary agency which fights cancer by research, education and service to cancer's victims.
- Q.** What has it accomplished?
- A.** It helped save an American from dying of cancer on an average of every seven minutes last year.
- Q.** Does that mean it has solved the cancer problem?
- A.** Unfortunately, no. Despite the advances made, more than 235,000 Americans will die of cancer this year.
- Q.** Can I help to prevent this tragedy?
- A.** Yes. By having regular health examinations yourself. And by contributing to the American Cancer Society.
- Q.** What will my contribution be used for?
- A.** For research that may some day save your life, for education and for helping cancer's victims.

Strike back | *at cancer...man's cruelest enemy...Give*

® American Cancer Society

an invisible web of flavor protection
guards your edible oils when you
sequester trace metals with . . .

PFIZER CITRIC ACID

You can retard the development of off-flavors and off-colors in your hydrogenated oils easily and economically with Pfizer Citric Acid as your sequestering agent. It complexes metallic ions, so they can't oxidize unsaturated fatty acids. Find out—in detail—how Pfizer Citric can improve your product's stability and safeguard its sales appeal.

Write for Technical Bulletin 72.

Manufacturing Chemists for Over 100 Years



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Chemical Sales Division

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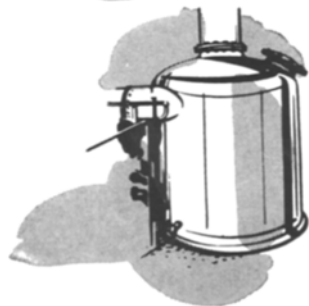
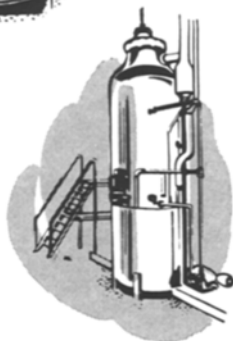
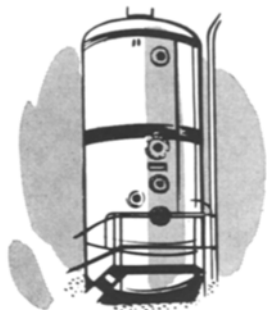
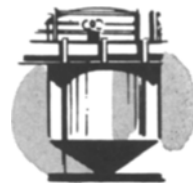
Branch Offices: Chicago, Ill.; San Francisco, Calif.;
Vernon, Calif.; Atlanta, Ga.

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All Over the World

FOR

Glycerine – Fatty Acids – Edible Oils



WURSTER & SANGER OFFERS . . .

- Consulting service to aid in solving your operating, process or equipment problems
- Design of a complete new plant or
- Equipment and specifications to modernize your present plant.

FILTREX Solvent Extraction—world's most versatile direct solvent extraction process for oils—proved operating economy—maximum oil yield and quality.

Continuous Fatty Acid Distillation—unsurpassed product quality—yields exceeding 99% utilizing W&S original development of Dow-therm Heated Bubble Cap Trays.

Fat Splitting—high pressure non-catalytic and low pressure catalytic autoclave processes for production of fatty acids and glycerine.

Hydrogenation—foremost designers of equipment for hardening fats, oils, fatty acids for edible and technical use.

Oil Refining—for production of highest quality cooking and salad oils—batch neutralizing, vacuum bleaching, batch or continuous deodorizing.

Glycerine Recovery and Refining—W&S equipment is the choice of large and small producers for efficiency of recovery and refining yields of C.P., High Gravity or Dynamite glycerine up to 99% in one distillation.

Margarine, Shortening, Vanaspati—and other process plants are offered involving production of special products from fats, fatty acids and glycerine.

*For further details and bulletins write direct
or to the representative nearest you.*

REPRESENTATIVES

Mexico: Desarrollo Industrial, Apartado 13323, Mexico 1, D. F.

Cuba: Consolidated Trading Co., Inc., Apartado 142, Havana, Cuba.

Brasil: Industrias Quimicas do Brasil, S.A., Caixa Postal 3832, Rio de Janeiro, Brasil.

Philippines: Edward J. Nell Co., P.O. Box 612, Manila, Philippines

India: Bapasola Trading & Engineering Co., 79-81 Gowalia Tank Road, Bombay, India.

Egypt: Associated Supplies Bureau, P.O. Box 1004, Alexandria, Egypt.

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**When "Continuous"
was the big news in
Vegetable Oil Refining . . .**



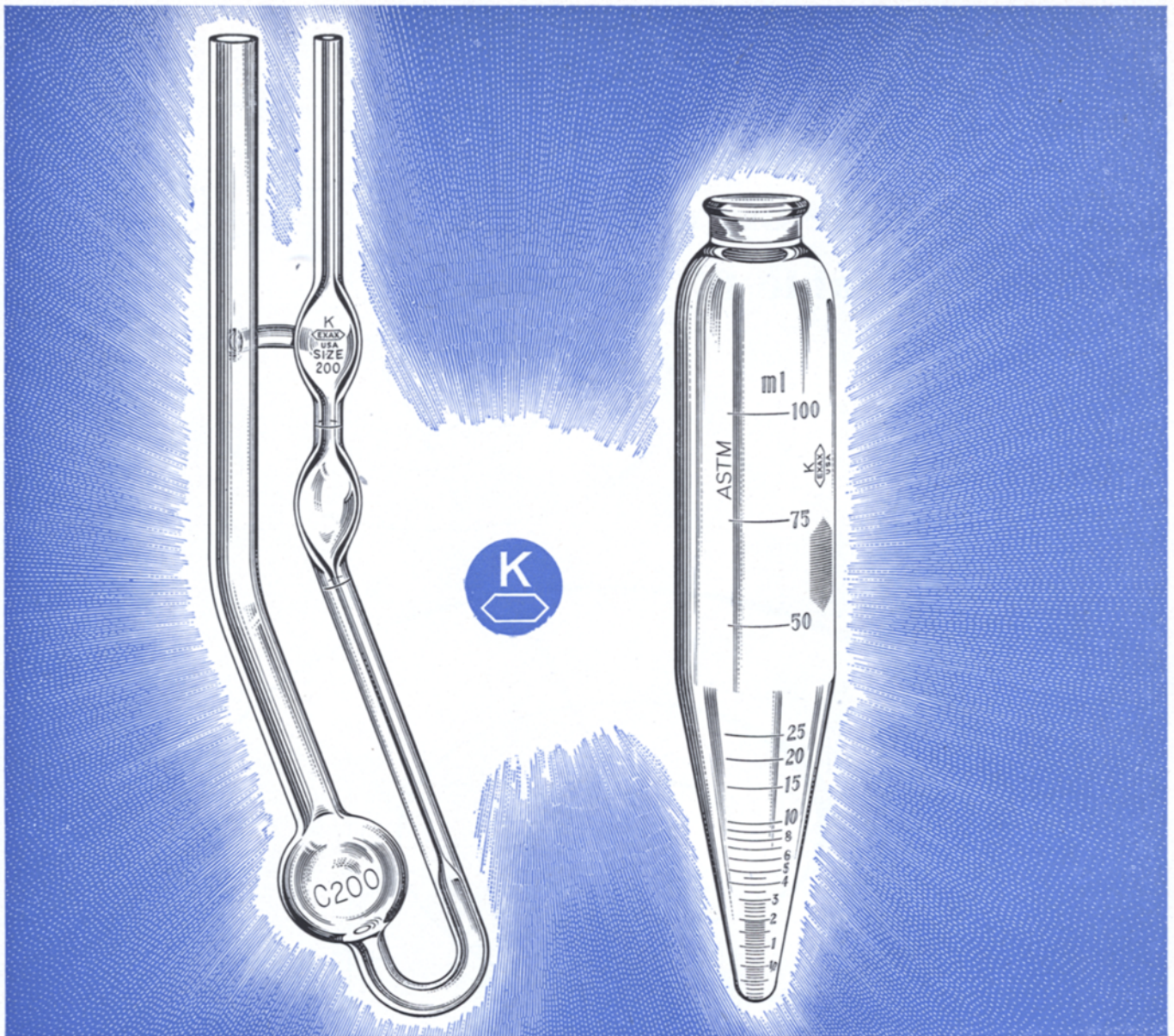
• • • Sharples was the name that became immediately synonymous with advanced refining techniques . . . a continuing research and development program over the past 25 years has enabled the industry and Sharples to come ever closer to the goal of absolute maximum yield from all types of oil-bearing products.

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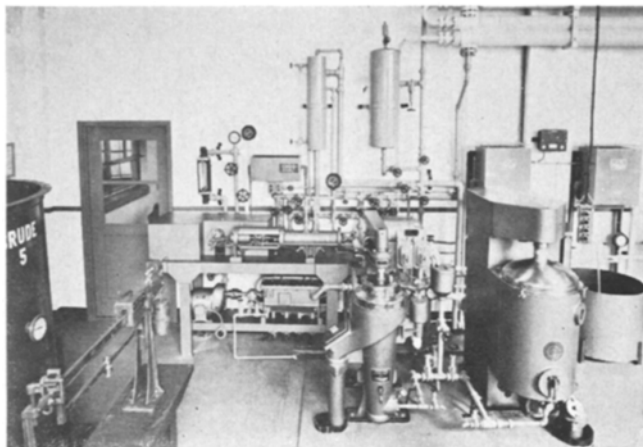
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A. O. C. S. Commentary

(Continued from page 4)

These are just "run of mine" inquiries which the Technical Correspondent received during a recent two-week period. About two or more of these inquiries are received each week. The current Technical Correspondent wishes to acknowledge with most sincere thanks the able help he has received from several members of the Society upon whom he has imposed. Actually the Society is indebted to them rather than to him for the services rendered.

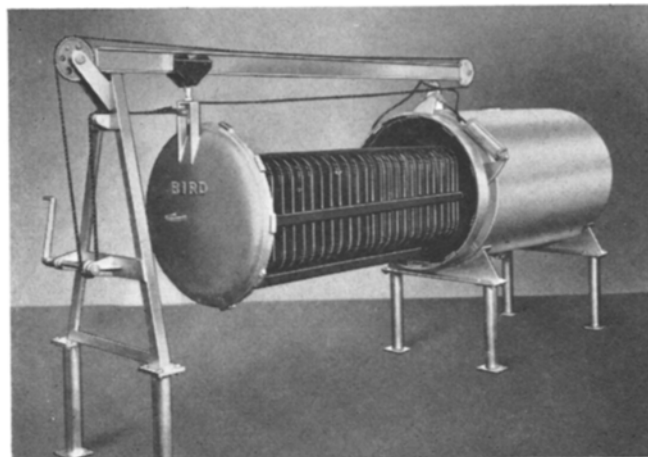
It should be understood that the Technical Correspondent makes no pretense of acting as a consulting engineer or of making recommendations as to whose apparatus of equipment to purchase. If engineering services are desired, he refers the inquirer to all of those consultants best qualified to serve, and if equipment or apparatus is desired, all sources are given.

THIS WORK extends and supplements the services of the Society, which now include:

1. Holding of two annual meetings (fall and spring), at which new methods, techniques, and research in fatty oil products and committee reports are made available to the membership and the general business of the Society is conducted.
2. Uniform methods of fat analysis are developed.
3. Short Courses covering the extended education of young members and refresher for older members.
4. Publication of all of the above information in the Journal of the Society as a permanent record to make it available to the entire scientific world.
5. This new service to act as a liaison between the Journal and its members, especially foreign members.

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