THE CHEMISTS' SECTION

OF THE COTTON OIL PRESS

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AMERICAN OIL CHEMISTS' SOCIETY
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EDITORIAL

Clean Up or Shut Up

In the early days of Sanitary Legislation as applied to retail food stores some state health departments apparently adopted the slogan "Clean Up or Shut Up". Now after a quarter century of education in most communities it is the housewife, not the health office that shuts up the unsanitary food shop. Public sentiment, which is really the best law enforcement agent a Democracy can have is pretty well behind all movements for greater cleanliness. Even a dirty dry goods store does not prosper now-a-days and we want our legal advice sold us across clean uncluttered desks, as well as medical treatment with sterilized needles and germ free bandages. Do you see it?

The chemist is in this same class, whether works control man or public analyst, public opinion demands that he retail his stock in trade from clean surroundings.

This is the "off" season in most oil laboratories and, therefore, an excellent time to "paint up and clean up". One paint manufacturer is advertising a painless painting scheme with the slogan "paint now and pay later", but why not "paint now or pay later"?

If that old coiling is shedding just a wee bit, scrape it and paint it now while there are few determinations around into which the dirt can fall. Clean up the desks with a little linseed or cottonseed oil. Scratch the rust off the pipes and have the laboratory boy give them a couple of coats of asphalt or aluminum bronze. Then just look at the floors. Are they such as you would have in your own home? "Red" up your old files and get "rid" of useless accumulations of trash. Clean the cobwebs off the stock solution bottles and let's get the old rubber tubing into the trash can. You know it's mighty poor economy to use an inner tube after it's life is all gone. Well, isn't it worse to keep that dead rubber tip on your burette?

Economy is truly the thief of time and too much useless junk around a laboratory may drive a five hundred dollar customer away or disgruntle a two thousand dollar assistant you are keeping at fifteen hundred. Think it over.

H. S. B.

PRESIDENT'S MESSAGE FOR AUGUST

Work for 1922-1923

A list of committees will be found in this issue. Practically all of the committees are complete although some places on the sub-committees have been left open, especially on the refining committees. These will be filled with men especially interested in the particular problem as the chairman of the committee will suggest.

The first thing the chairman of these committees should do, in my opinion, is to look back over the last few years' work of his committee, make a thorough study of what has been done, what has been started at various times and see whether or not any of the important recommendations have been overlooked, whether some important work has been started and not been finished, and let us make this a clean-up year, finishing up certain definite subjects, as for instance the matter of the proper method

of sampling tank cars containing water and settlings. This matter has been under discussion for a number of years and at the meeting of the Society at New Orleans, it was voted to ask the committee to come in at the next meeting with a definite recommendation for action. If the chairmen of the various committees will take up these various questions which are unfinished and come in with a final recommendation, we will have a most important meeting next year. The work for next year cannot be begun too early, especially if co-operative work is to be done and the chairmen of the various committees should immediately begin making their arrangements for co-operators and planning the work so that it will be ready to start as soon as the vacation period is over.

I expect to make it a part of my duties as President of the Society, to follow up the various chairmen of the Committees to see that they get started promptly in the work and that the work is carried through so that a finished report can be made in time to publish it in THE COTTON OIL PRESS before the annual meeting.

L. M. TOLMAN, President.

CONTAMINATION OF COTTONSEED OIL BY MINERAL OIL

By R. H. Fash, Fort Worth Laboratories,
Fort Worth, Tex.

The article by A. W. Putland (1) on "Contamination of Cottonseed Oil by Mineral Oil" indicates a misunderstanding of my previous paper (2). The idea of the original article was not to determine the effect of all grades of mineral lubricating oils on cottonseed oil, but the grade used in the oil mills for lubricating rolls. The tests which I reported were made with the oil used for lubricating the rolls of a mill that had been having trouble with mineral oil in their cottonseed oil. These tests were checked by S. D. Swan of The Proctor and Gamble Company, who stated, "We have made two complete tests using these oils and in each case our findings check the facts of your 'Mineral Oil Contamination of Cottonseed Oil' report. Complete data on our experiments is enclosed".

The following are the results obtained by Mr. Swan using the same lubricating oil which was used in the original report.

Mineral Oil	F.F.A.	Color	Loss	Bleach
.000%	1.4	35.—6.1	6.8	19.—1.9
.015%		35.—7.6	6.6	22.—2.2
.034		35.—9.2	6.6	35.—3.2
.052		35.—12.0	6.6	35.—4.6
		Second Trial		
.000	1.3	35.—7.0	6.3	24.—2.4
.017		35.—8.0	6.1	32.—3.2
.034		35.—9.6	6.1	35.—4.8
.052		35.—13.0	6.1	35.—7.0

(1) COTTON OIL PRESS, June 1922, Po. 42.

(2) Ibid. Jan. 1922, Po. 31.

NEW MEMBERS REPORTED BY SECRETARY CALDWELL

ACTIVE MEMBERS: Wm. M. Perry, Blanton-Sims Co., St. Louis, Mo.; Frank R. Johnson, United Chemical and Organic Products Company, Hammond, Ind.; W. Bradford Smith, Armour and Company, Kansas City, Kansas.

CORPORATION MEMBERS: Industrial Testing Laboratory, Los Angeles, California.

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Sect.-Treas., Thos. B. Caldwell, Law and Co., Wilmington, N. C.

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Bleach Test and Fullers Earth Committee: A. W. Putland, Portsmouth Cotton Oil Refining Corporation, Portsmouth, Va., Chairman; P. P. Hindelang, Wm. P. Dunne, Peter Dunne, J. C. Postell, Jr.

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Extraction Committee: Felix Paquin, Galveston Laboratories, Galveston, Texas, Chairman; W. D. Hutchins, E. A. Harwell, G. K. Witmer, W. S. Belden.

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Halphen Test Committee: A. W. Putland, Chairman, W. F. Baughman, E. A. Schlesser.

Oil Characteristics Committee: Geo. S. Jamieson, Bureau of Chemistry, Washington, D. C., Chairman; H. P. Trevithick, W. H. Irwin, H. S. Bailey.

Refining Committee: R. H. Fash, Chairman, H. J. Morrison.

Cottonseed Oil: A. Porter Lee.

Cocoonut Oil: H. Sieck, B. H. Thurman, N. DuBois, Peter Dunne, W. G. McLeod.

Corn Oil: H. P. Trevithick.

Soya Bean Oil: J. J. Vollertsen, A. L. Knisely.

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Uniform Methods and Co-operative Analytical Work Committee: F. B. Porter, Chairman; H. C. Moore, Felix Paquin, D. C. Picard, H. J. Morrison.

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