

Complete Technical Program in This Issue

Members and subscribers alike are urged to review the complete Technical Program of the Fall Meeting found elsewhere in this issue. It will be found to contain presentations of major interest to virtually every facet of the fats and oils field.



J. T. Wilson to Speak at Monday Luncheon

John Tuzo Wilson, Professor of Geophysics, University of Toronto will address the Monday Luncheon of The Toronto Fall Meeting. His subject reportedly will be "The Role of Science in International Understanding," a subject upon which he is highly qualified to speak. Professor Wilson is

a Director of the Institute of Earth Sciences, and was President of the recent International Union of Geodesy and Geophysics 1957-60. He took an active part in the recent International Geophysical Year studies, and in 1961 published a book entitled "I.G.Y.: The Year of the New Moons."

Professor Wilson comes from a distinguished family, his father having been awarded the Commander of the British Empire. He was educated at the University of Toronto, receiving his B.A. in 1930. He won the Massey Fellowship at Cambridge University, where he received his B.A. and M.A. in 1932 and Sc.D. in 1958. He re-



J. T. Wilson

ceived his Ph.D. at Princeton University in 1936. He has subsequently been awarded an Honorary LL.D. from Carleton University, and a D.Sc. from the University of Western Ontario.

A member of the National Research Council of Canada, Dr. Wilson has been awarded the American Legion of Merit and several other distinctions including the Willet G. Miller Medal, Royal Society Canada, and the Laidlaw Medal of the Canadian Institute of Mining and Metallurgy. He has a national reputation in his field and is well recognized for his contributions to furthering science on an international basis.



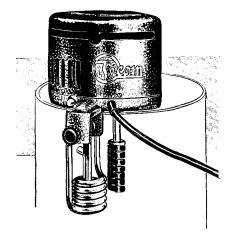
"Last Chance" for Toronto Exhibitors!

With the Fall Meeting only days away, the Toronto Exhibits Committee has issued an earnest appeal to all those who intend to exhibit, for the hasty completion of final arrangements. Though it is well known that exhibitors will have the unique advantage of reaching a substantial new exposure because of the greatly increased Canadian response to the Convention, the Committee is deeply con-

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TECAM TEMPUNIT®

Controls temperature constant to \pm 0.05°C



In One Unit... CIRCULATING PUMP THERMOREGULATOR HEATING UNIT STIRRER

A self-contained unit incorporating all components required for maintaining open water baths at temperatures up to approximately 90°C, and for circulating water to external apparatus at a rate of $1\frac{1}{4}$ quarts per minute.

The unique indicating thermoregulator system, with micro-switch for control of heater—pneumatically actuated by durable rubber bellows—has the precision of high-sensitivity electrical contact methods, but with greater dependability and longer life.

It is necessary only to set the control pointer A at any desired temperature from slightly above ambient to approx. 90°C. The second pointer B continuously indicates bath temperature.

Temperature is attained and maintained constant within $\pm 0.05^{\circ}$ C in a tank or jar without insulation. Switches off automatically if liquid level falls.

Control housing contains stirring motor and thermoregulator and has cast-on clamp for attachment to vessels with wall thickness up to $1\frac{1}{4}$ inches. The helical, bimetallic sensing element, stirrer, aspirator tube and 1000-watt tubular immersion heater are integrally attached

1000-watt tubular immersion heater are integrally attached beneath the housing. Stirring motor, 1/20 h.p., is fan cooled, induction type, self-lubricating for continuous use.



Showing temperature dial on top of unit, with control pointer A and bath temperature indicator B.

For more detailed description, see p. 1022 of our 1961 catalog



VINE STREET AT 3RD PHILADELPHIA 5, PA., U. S. A.

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cerned about the fact that some exhibitors seem to feel they will be inconvenienced by border crossing.

It should be made clear to all that the exhibitor from the United States will find no more difficulty in exhibiting in Toronto than he experiences when he exhibits anywhere in his own country. Toronto is quite centrally located, and is not an inconvenient exhibit location. The facilities for presentation of exhibits are outstanding. Those who are hesitating due to the border crossing are urged to contact Mr. W. S. Gilpin, Exhibits Chairman, Canada Paekers Ltd., Box 6140, Montreal 3, P. Q., Canada. It is anticipated that those who forego this opportunity will be most disappointed that their exhibits do not stand beside those already scheduled.

Fourth Plant Trip Announced– Redpath Sugar Refinery

The August issue contained a review of three fine plant trips, organized for the benefit of those attending the Toronto Fall Meeting. The Convention Committee has announced that, in addition to visiting Connaught Laboratories, the Ontario Water Resources Commission and the Ontario Attorney General's Crime Laboratories, there will also be a scheduled visit to Redpath Sugar Refinery. This new plant, situated on Toronto's waterfront, is said to contain some of the most modern refining equipment on the North American Continent. The Refiner's daily output is 1,300,000 lb of granulated white sugar. The trip will include review of the following facilities: unloading (dock), process and packaging, refining, and warehousing.

Monitary Exchange Facility at Convention

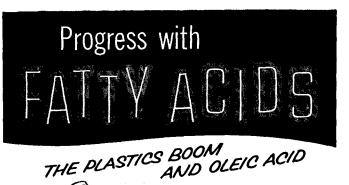
The Toronto Dominion Bank, official bank for the AOCS Fall Meeting, will maintain a monitary exchange facility in conjunction with Convention Registration. Such will allow quick and convenient exchange to Canadian currency upon arrival, and the corresponding adjustment to United States Currency before return. For the edification of those making their first trip into Canada, it will be found that United States currency is accepted generally. Due to the current rate of exchange, however, it is far more convenient to utilize the currency of Canada, so as to avoid "on the spot" computation of value.

St. John's Orchestra at Dinner

The latest information from Toronto indicates that AOCS Conventioneers will be entertained at the Dinner Dance Saturday evening by Stanley St. John and his Orchestra. As was reported in the August issue, a variety of entertainment will be offered at this event, including an all-Canadian cast of singers, comedians, etc. The Orchestra will play during dinner, as well as for the remainder of the evening.

Reservations are Still Being Accepted!

Though time has all but run out, the Toronto Committee is still receiving pre-convention registrations every day. Even at this late date, your advanced registration will be of advantage to the Committee. Careful estimates of attendance for each event must be made. Serious errors in these estimates can be extremely costly to the Society, and can impair the over-all continuity of the events. If you plan to attend, and have not forwarded your reservations, please care for the matter today. All the necessary forms have been forwarded to members, and non-members can contact Society Headquarters, 35 E. Wacker Drive, Chicago 1, Illinois for help.





Oleic Acid has played an important role in the tremendous increase in sales of plastic products. Butyl oleate, a derivative, is a widely used plasticizer.

FATTY ACIDS SCORE IN SUDS CONTROL



Oversudsing of alkyl benzene sulfonate detergents now can be reduced without lowering cleaning power. Anti-foam additive, as described in a German patent assigned to a California company, consists of a mixture of saturated fatty acids and fatty acid esters of polyethylene glycol (such as polyethylene glycol stearate).

Below are facts you should know about two Fatty Acids produced by A. Gross.

Specification	DISTILLED RED OIL GROCO 4	HYDROGENATED Tallow F.A. Groco 58
Titre Titre Color 1" Lovibond Red* Color 1" Lovibond Yellow*	39.2°—42.8°F	136.5°—140.0°F 1.0 max.
Unsaponifiable	1.5% max. 198—203	0.75% max. 204—207
% F.F.A. as Oleic Acid Iodine Value (WIJS) Refractive Index 50°C. (Av.)	94 max.	

*51/4" cell for GROCO 58

