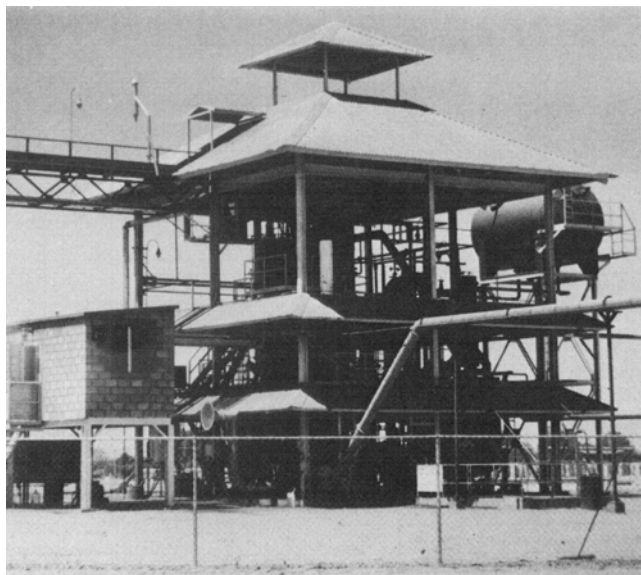

Industry News



Cargill's new refinery

Cargill's new edible oil refinery in Wichita, Kansas, began shipping in April hydrogenated oil products for use in margarines, shortenings and bakery products. The facility was designed by Process Systems Inc. (PSI) and had begun shipments of salad oil earlier in the year, less than 18 months after engineering work began. Refinery capacity is about 700,000 pounds of oil per day with crude oil supplied from Cargill's adjacent soybean processing plant.



Mexican Cottonseed Plant

The Sociedad Cooperativa "LEA" is now using this 100 MTPD cottonseed solvent extraction plant in Mexicali, Baja California, which is contracted from the French Oil Mill Machinery Company of Piqua, Ohio. Design innovations included at the plant include a rotating basket bottom screen, which replaces the standard individual hinged basket bottoms.

Crown Iron announces sales

Crown Iron Works Corporation has announced sale of a 1,500 tons per day DTDC unit to Archer Daniels Midland Co. for ADM's Fredonia, Kansas, facility. The DTDC will be the largest ever built, Crown says, and was to be shipped in May 1982 with immediate installation. The announcement said it was the 17th DTDC unit sold by Crown since introducing the unit in 1975. Crown holds an exclusive license for the DTDC from Heinz Schumacher of Hamburg, West Germany.

Crown also recently delivered a Crown Series 2000 Extractor and Crown desolventizer toaster to Canadian Vegetable Oil Processing (CVOP) of Canada Packers. The units will be used in a canola processing operation scheduled to begin in March 1983, Crown said. The extractor is the largest installed in Canada, Crown said.

Glyco expanding

Glyco Inc., producer of specialty chemicals derived from natural raw materials, will complete a major expansion of its Painesville, Ohio, fatty acid operation in the third quarter of 1982, enabling the company to market both food and industrial grade fatty acids. The expansion includes installation of a splitter, hydrogenation system, fractionation and distillation columns, as well as additional bulk storage tanks.

According to company officials, the added capacity will make Glyco one of the largest producers of fatty acids in the United States. As a result, the company can expand in the food, textile and cosmetic emulsifier markets and make long-range commitments as a fatty acid supplier.

Chemistry history center opened

A Center for History of Chemistry has been set up at the Philadelphia campus of the University of Pennsylvania as a joint endeavor by the university and the American Chemical Society.

The mission of the new center is to publicize historical resources and make them available, and to encourage research scholarship and popular writing in the field of chemistry and chemical technology.

The center hopes to generate biographies of major chemists, chemical engineers and industrialists, studies of individual firms and whole industries and accounts of the interplay of invention, innovation and development in chemistry. However, the immediate aim is to locate, catalogue, preserve, publicize and make available historical records that illuminate the progress of chemistry, chemical engin-

earing and the chemical industry. The center's staff includes a director, assistant director and archival and research assistants.

New plant survives hurricanes

Two hurricanes disrupted start-up for a 200 metric tons per day soybean processing facility owned by Pastas y Aceites Corepe S.A., a farmers' cooperative in Los Mochis, Sinaloa, Mexico. The plant, built by French Oil Mill Machinery of Piqua, Ohio, sustained damage to its meal storage building and lost some roof panels from the extraction building, but start-up continued smoothly once power was restored, French Oil spokesmen said. The plant uses direct extraction for soybeans and prepress solvent extraction for safflower. It is French's 21st solvent extraction plant in Mexico.

55% oil from sunflower?

Joseph Smith of Oilseeds International Ltd., San Francisco, California, said one of the most exciting developments he heard during the 10th International Sunflower Conference was a prediction that within five years commercial sunflower seed would have 55% oil on a dry basis, with 40% more pounds per acre from sunflower plants uniformly one meter

high and a shorter growing season. Smith estimated that at today's prices, that would mean sunflower oil could be produced at 16.5 cents per pound.

De Smet building in Egypt

Extraction De Smet is building three continuous cottonseed extraction units in Egypt, each designed to handle 200 tons a day. When the three are completed by the end of 1982, there will be 11 De Smet-built oilmills in operation in Egypt, able to process 450,000 tons of cottonseed and 60,000 tons of soybeans a year.

If all are used to maximum capacity, they could supply about 25% of the country's oil requirements.

Coconut facility announced

United Coconut Chemicals in Manila has contracted with Lurgi Umwelt und Chemotechnik GmbH of Frankfurt, Germany, to construct a coconut oil processing facility in Batangas, Benan Province. Total value of the contract is 126 million Deutchmarks (more than \$50 million), according to Lurgi.

The contract is to produce 30,000 tons of fatty alcohol, 29,000 tons of fatty acids and 7,900 tons of glycerine per year, Lurgi says, with fatty acid production to begin in 1984 and fatty alcohols approximately one year later.

Polyunsaturated Fatty Acids

A monograph edited by Wolf-H. Kunau and Ralph T. Holman, 258 p. Hardbound—\$15 for AOCS members and students, \$25 for nonmembers. This monograph records the contributions of twenty noted researchers who contributed to the 1975 AOCS symposium on unsaturated fatty acids. The symposium was premised on the increasing need to combine separate disciplines in lipid research. Speakers thus were invited who specialized in chemical, physical and biochemical properties of lipids. Topics included biosynthesis, oxidation and regulation of metabolism, analysis, chemistry/physicochemistry, and experimental and clinical data. Illustrations and references enhance this collection.

Please send me _____ copy/copies of **Polyunsaturated Fatty Acids**.

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