

AOCS Travel Club Plans Mexico Tour After Houston Spring Meeting

The AOCS Travel Club, an expanding group of Society members with a common interest for traveling, are planning a most exciting trip to Mexico to follow the coming Spring meeting in Houston. This is the Club's second trip to Mexico; the group has gained valuable experience with the first trip. Optional extension trips

following the main tour are also being arranged. Those interested should contact AOCS Travel Club c/o 35 E. Wacker Dr., Chicago, Ill. 60614. All AOCS members are invited to attend the planning meetings of the Travel Club, which are held at each AOCS Spring and Fall meetings.

Post-Meeting Tour to Mexico

May 6, Thursday

4:00 PM—Departure from Houston by Air France Flight No. 067.

5:30 PM—Arrival in Mexico City.

After clearing formalities with customs, you will be transferred to your hotel. Evening free.

May 7, Friday

9:00 AM—Half a day in Toluca.

From the hotel you will drive to the ancient trading center of Toluca, passing through the "Desert of the Lions." Oddly enough, you will see no desert and, by the way, no lions either. What you will see instead is a beautiful forest and one of Mexico's most famous market places. Natives from nearby villages congregate there on Fridays to sell a variety of hand-made products, including baskets and pottery. Return to hotel for lunch, afternoon and evening free.

May 8, Saturday

9:00 AM—Half a day at the Shrine of Guadalupe and the Pyramids.

From the hotel you will drive first to the Shrine of Guadalupe where the Patron Saint of Mexico, the Virgin of Guadalupe, is enshrined, and then will continue to the archaeological area of San Juan Teotihuacan, where the ancient Pyramids of the Sun and the Moon, and the Temple of Quetzalcoatl are located. Return to hotel early in the afternoon.

May 9, Sunday

9:00 AM—Folkloric Ballet, Xochimilco.

You will be escorted from your hotel to the

Palace of Fine Arts to see the famous Mexican Folkloric Ballet and the Tiffany Glass Curtain. Then you will drive to the famous Floating Gardens of Xochimilco where you will ride in a "trajinera," after which you will enjoy lunch in a fine restaurant selected by your tour guide.

3:30 PM—Bull Fights

Your guide will take you to the bull fight arena, providing running commentary on the history, traditions and procedures of the bull fight. You will have reserved seats on the "shady side." Evening free.

May 10, Monday

7:30 PM—You will be transferred from your hotel to the airport, and will depart by Air France Flight No. 066.

10:20 PM—Arrival in Houston.

Included in the Above

- Transfers from the airport to the hotel and return.
- Sightseeing as outlined in the itinerary.
- Tips checking in and out of hotels and airports.
- Reserved seats at the Folkloric Ballet.
- Twin-bed rooms with bath.
- Reserved bull fight seats.
- Lunch on Sunday after the Ballet.
- Tourist class air fare from Houston to Mexico City and return.

Not included

- Meals except for lunch on Sunday.
- Tips to waiters and chambermaids.

Optional Extension Trip to Romantic Cuernavaca, Picturesque Taxco and Fabulous Acapulco

May 10, Monday

9:00 AM—Trip to the resort city of Cuernavaca where you will visit the Palace of Cortes and other points of interest. Continue to Taxco, a picturesque and hospitable little town cradled in the mountains. You will visit the beautiful Church of Santa Prisca and many fine silver shops. Lunch, dinner and overnight at the De la Borda or Posada de la Mision.

May 11, Tuesday

—After a delicious breakfast, leave for the fabulous resort city of Acapulco, arriving at noon. Plenty of time to soak up the sun and sights. After reconfirming your return flight for you, your guide returns to Mexico City, leaving you to enjoy Acapulco on your own.

May 12, Wednesday

—Day of leisure in Acapulco.

May 13, Thursday

—Transfer by limousine from hotel to the airport.

10:30 AM—Departure from Acapulco by Aeronaves Flight No. 226.

3:15 PM—Arrival in Houston

Included in the Above

—Hotel: Twin-bed rooms with bath, (basis, two persons) at Acapulco Hilton or similar hotel

in Acapulco and De la Borda or Posada de la Mision in Taxco.

- Lunch and dinner in Taxco.
- Breakfast and dinner each day in Acapulco.
- Transportation by car from Mexico City to Acapulco.
- Transfer by limousine from hotel in Acapulco to the airport.
- Beach and pool facilities of the hotel.
- Airline tickets and reservations from Acapulco to Houston.

Optional Extension Trip to Oaxaca

May 10, Monday

—Transfer to the airport where you board a jet to exciting Oaxaca.

7:15 AM—Departure from Mexico City by Mexicana Flight No. 203.

7:55 AM—Arrival in Oaxaca

Upon arrival you will be transferred to the Hotel Victoria or Marques del Valle. After checking in at the hotel you will tour the city, stopping at the fascinating Main Square, the ancient Church of Santo Domingo, historic Casa Jaurez, the Museum, the tree of Santa Maria del Tule (estimated to be the world's oldest living tree) and other points of interest.

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May 11, Tuesday

—Visit to the renowned Ruins of Mitla and Monte Alban, returning to Oaxaca for the night.

May 12, Wednesday

—Free day for leisure or to explore on your own.

May 13, Thursday

—After a swim or last minute souvenir shopping you will be transferred to the airport for the flight to Mexico City with connection to Houston.

4:45 PM—Departure from Oaxaca by Aeronaves Flight No. 238.

7:15 PM—Arrival in Mexico City

9:15 PM—Departure from Mexico City by Pan American Flight No. 502.

11:59 PM—Arrival in Houston.

Included in the Above

- Twin-bed rooms with bath (basis, two persons).
- Breakfast and dinner each day.
- Sightseeing as outlined.
- Transfers to and from the airport.
- Round trip airline tickets and reservations from Mexico City to Oaxaca and return.

World's First Commercial Sugar Ester Plant Using Nebraska Process, Dedicated In Japan

The world's first commercial plant to produce sugar esters by a new method developed under Nebraska's unique Agricultural Products Research Program, has been dedicated in Kyoto, Japan.

Under license with the Nebraska Department of Economic Development, Dai-Ichi Kogyo Seiyaku Co., Ltd. (DKS), is producing DK-Esters used as a food additive in many products ranging from ice cream to a detergent for the washing of fruits and vegetables.

J. W. Monroe, Director of the Nebraska Department of Economic Development, noted that although DKS holds exclusive rights to the process in Japan, negotiations are underway with U.S. and foreign companies for a similar licensing arrangement with Nebraska.

In August, 1968, Nebraska became the first American state to develop and license its technology to a foreign company when it granted a license to DKS of Japan. DKS subsequently built a pilot plant, then moved ahead with the construction of the commercial plant which was just dedicated.

Sugar esters are made from sugar and tallow. The Nebraska process was originally developed by a private research firm under contract to the Cornhusker State which is seeking new uses for the two farm products.

Sugar esters aid mixing, improve the texture, and prolong the storage life of many food products. Although the Japanese plant will produce food grade sugar esters, the product also has possible use in such products as paints and varnishes, pharmaceuticals, detergents, cosmetics and toiletries, petroleum products, and animal feeds.

Commented Monroe: "While we are pleased with the commercial plant in Japan and current negotiations with additional licensees, our major objective will be to encourage the location of a similar sugar ester plant right here in Nebraska using Nebraska farm products."

Full details on Nebraska's sugar ester process may be obtained by writing to the Nebraska Department of Economic Development, Box 94666—State Capitol, Lincoln, Nebraska 68509.

W&S DESIGNED GLYCERINE PLANTS GAIN TOP EFFICIENCY AND ECONOMY



SPENT SOAP LYE GLYCERINE EVAPORATION

Spent soap lye glycerine, a by-product of soap plants, requires a special design of evaporator capable of efficiently handling the viscous, heat sensitive and crystal producing glycerine liquor if the maximum recovery is to be obtained. The W & S evaporator being specially designed for handling glycerine has been accepted by the glycerine industry as the standard. Developed from our years of experience in this operation it provides for effective application of heat, controlled circulation, adequate provisions for salt crystal growth with minimum glycerine retention, prevention of entrainment losses, a leak-proof method of heating and condensate removal. All add up to efficient, maximum glycerine recovery in W & S evaporators.

SWEET-WATER GLYCERINE EVAPORATORS

Sweet-water glycerine, a by-product of fat splitting plants, also requires a special design of evaporator. Sweet-water contains some dissolved scale forming solids which tend to deposit on evaporator heating surfaces.

The W & S design features an external long tube heater to develop a very high liquid velocity to scour the tubes and reduce scale formation to a minimum. All W & S evaporators are so designed that all scaled areas are quickly and easily accessible when heat transfer rates drop and cleaning becomes necessary.

GLYCERINE REFINING

W & S offers continuous glycerine distillation and bleaching plants for purifying both soap lye and saponification crude glycerine produced in the above evaporators. Yields of from 94% to 98% are guaranteed. The W & S system features continuous flash distillation, vapor scrubbing trays, fractionating condensers, continuous deodorizing, continuous dehydrating and continuous bleaching which produces only C. P. Glycerine in one distillation. Investigate and learn how your glycerine refining operations can be made more profitable with our newly designed continuous glycerine refining system.

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