

# Baytown Complex

Company Profile 2024

## Facility

- Founded in 1919, the ExxonMobil Complex in Baytown, Texas, is located on approximately 3,400 acres along the Houston Ship Channel, about 25 miles east of Houston.
- The 3,400 acres includes a Refinery, Chemical Plant and Olefins Plant.

## Employees

- Approximately 2,067 employees with an average of 1,987 contract personnel.

## Ownership

- Exxon Mobil Corporation (100%)

## Refinery Capacity

- 588,000 barrels of crude oil a day.
- Fifth largest refinery in the United States.
- Tenth largest refineries in the world.

## Production

- Crude oil for the refinery is supplied by pipeline crude primarily from Texas and Canada; supplemented by crude from around the globe, including the Persian Gulf, Africa, South America and Mexico. The refinery produces a full range of petroleum products including lube oils, mogas grades, Ultra Low Sulfur Diesel (ULSD), waxes and hydrocarbon fluids as well as various blends and grades of specialties.
- The Baytown Chemical Plant is capable of producing more than eight billion pounds of petrochemical products.
  - Basic Chemicals purifies refinery propylene, recovers aromatics from refinery reformat and Baytown Olefins Plant (BOP) naphthas as well as butylene from BOP for butene-1 production which is a building block for polyethylene.
  - Polypropylene section receives feed from Olefins to manufacture polypropylene.
  - Butyl Polymers section manufactures butyl rubber and adhesives.
  - The Synthetics section produces metallocene polyalphaolefins, a synthetic base stock and key component to Mobil 1.
  - The Solution Polymers Unit (SPU) produces Vistamaxx™ performance polymers and Exact™ plastomers. These innovative products add flexibility and toughness when blended with other plastics.
  - The Linear Alpha-olefins Unit (LAU) produces Elevexx™ intermediate fluids and waxes used as feedstock in a wide range of other processes.
- In December 2022, the Baytown Complex successfully started up one of the largest [advanced recycling](#) facilities in North America. The facility uses proprietary technology to break down hard-to-recycle plastics and transform them into raw materials for new products. This unit supports a circular economy for post-use plastics and helping divert plastic waste currently sent to landfills.
- SPU and LAO are in operation. Some of the LAO products are Butene-1 integrated with Mont Belvieu Plastics Plant (PE), while the C8 and C12 LAOs will be integrated with the MPU (Synthetics) unit.

## Distribution

- Gasoline / ULSD / jet fuel are supplied to Texas and most states on the east coast via pipeline and supplied to Latin America/Europe via waterborne shipments.
- Materials produced at the refinery are shipped via pipeline (74 percent), waterborne (24 percent), rail (1 percent) and truck (1 percent).
- Materials produced at the chemical plant are shipped via pipeline (29 percent), waterborne (37 percent), rail (25 percent) and truck (8 percent).

## Safety and Environment

- The ExxonMobil Baytown Complex takes safety and environmental commitment very seriously and is committed to running safe and environmentally responsible operations. ExxonMobil earns the community's respect and trust by operating safely and by active involvement in the Baytown community.
- The Refinery and Chemical Plant have been recognized by various organizations, such as the American Fuel & Petrochemical Manufacturers and Texas Chemical Council. In recent years, safety awards received were, Elite Silver Safety Award, the Distinguished Safety Award, Distinguished Service Award, Zero Incidents (Employees and Contractors), Caring for Texas Award, and the Sam Mannan Award for Zero Process Safety Incidents.

## Taxes Paid

- Annual taxes (property, city, county, school and college) are approximately \$67.5 million.

## Economic Impact

- Annual salaries and wages are approximately \$269 million.

## Community Impact

- Annually, Baytown area employees, retirees and their families contribute thousands of hours volunteering at more than 200 organizations. In recognition of these efforts, ExxonMobil contributed thousands of dollars in volunteer grants to non-profit organizations where they volunteered.
- Area charitable contributions totaled more than \$1.1 million in 2022.
- In addition, ExxonMobil, employees and retirees raised \$1.2 million for the 2022 United Way of Greater Baytown Area and Chambers County Campaign.

## Refinery Products and Their End Uses

Distillates	Jet fuel, diesel, fuel oil
Gas	Refinery Gas, LPG
Gas Oils	Petrochemical feedstocks
Lubricants	Oils, waxes
Naphthas	Specialty fluids, gasoline
Residuum	Coke, Asphalt

## Chemical Products and Their End Uses

Polypropylene	Battery cases, auto interior and trim components, carpet fiber, upholstery fabric, carpet backing fabric, molded goods, baler and tying twines, high-clarity films, medical supplies, packaging, geotextiles, appliance parts
Butyl	Inner tubes, tire components
EXXPRO®	Adhesives, auto body mounts,

	wire and cable
Bromobutyl	Tires, pharmaceuticals
Paraxylene	Polyester fabric, plastic bottles
Benzene	Raw material used by the chemical and plastics industry
Orthoxylene	Raw material used by the chemical and plastics industry
Propylene	Polypropylene and other chemicals and plastics
Butene-1	Polyethylene and other chemicals and plastics
Isobutylene	Butyl rubber
Linear Alpha-olefins	Co-monomer for polyolefins, monomer for PAO's (like Mobil 1) paper sizing, surfactants, candles
Solution Polymers	Elastomers and Amorphous polymers, Roofing paper, carpet backing, automotive parts
Solvents	Surface coating, ink, Pharmaceuticals
Synthetic Lubricants	Motor oil basestock