

WHAT WE DO

The CITGO Refinery is committed to safety and environmental stewardship. We are proud of the industry leadership position we have attained and continue to be recognized year after year with numerous safety awards. We strive to improve the water and air quality in our community through process improvements and projects.

In operation for nearly 100 years, the refinery is a strategic supplier of transportation fuels, particularly in the upper Midwest. The refinery has a crude processing capacity of 183,000 barrels per day (bpd) and manufactures several grades of gasoline, diesel, jet fuel and high-quality hydrocarbon solvents used in the production of paints, adhesives and coatings.



The Petroleum Refining Process

Crude oil refining begins by heating the raw petroleum in a furnace to high temperatures, which vaporizes its components. These vapors then enter a distillation column—a tall tower where separation occurs based on boiling points. Lighter fractions like gases and naphtha rise to the top, while heavier products such as diesel and residual oils settle lower in the column. This initial separation is the foundation for further processing and conversion into fuels, lubricants, and other valuable products.

