

Canton, Ohio

Crude capacity: 78,000 bpd

The Canton refinery, built in 1931, was acquired by Ashland Inc. in 1948 when it merged with Allied Oil Company and became fully owned by Marathon Oil Company in 2005. The refinery is a moderate conversion plant with a processing configuration that enables it to run heavy sour crudes as well as sweet crudes.

Refinery operations include crude distillation, catalytic cracking, catalytic polymerization, hydrotreating, reforming, alkylation and sulfur recovery. The product slate consists of gasoline, distillate, asphalt, heavy fuel oil, propane, sulfur and low sulfur gasoline. The commissioning of a new distillate hydrotreater in 2009 enables the refinery to produce ULSD. The refinery received EPA's ENERGY STAR award for the last five years for superior energy performance.

Refinery Unit & Production Capacity⁽¹⁾

BPD Unless Noted	
Crude	78,000
Vacuum Distillation	33,300
Coking	—
Catalytic Cracking	24,700
Catalytic Reforming	20,400
Catalytic Hydrocracking	—
Catalytic Hydrotreating	80,800
Alkylation	7,100
Polymerization / Dimerization	1,000
Aromatics	—
Isomerization	—
Cumene	—
Coke (Short Tons per Day) ⁽²⁾	—
Sulfur (Long Tons per Day) ⁽³⁾	88
Asphalt	14,100
PADD	II

(1) As of January 1, 2011

(2) Short Ton = 2,000 lbs.

(3) Long Ton = 2,240 lbs.

