

40,000 BPD LOW SULFUR GASOLINE PLANT FOR SALE

Capacity: 40,000 BPD
Year Start: 2006
Shut Down: 2010
Technology: Exxon Mobile
Feedstock: Gasoline from Fluid Catalytic Cracking process
Products: Low Sulfur Gasoline

Major Equipment (includes):

- Feed surge drum
- Diolefin saturators
- Hydrotreating reactor
- Effluent separator
- Amine absorber
- Recycle gas compressor
- Product stripper
- Stripper overhead accumulator



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BRIEF PLANT DESCRIPTION

The LSG plant treats FCC gasoline by catalytically hydrodesulfurizing sulfur compounds in the feed (forming H₂S for removal) in order to meet federal sulfur specifications for gasoline. Nitrogen containing compounds are also hydrotreated to a lesser

degree, forming NH₃. Simultaneously, a limited amount of olefins are saturated. The LSG Unit is specifically intended to reduce the sulfur content and minimize the extent of these detrimental olefin saturation reactions.

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MORE DETAILS**