

55,000 BPD Crude Oil Refinery for Sale

Capacity: 55,000 BPD

Raw Materials: Crude Oil

End Products: LPG, Gasoline, Virgin Naphtha, Jet Fuel, Diesel, Heating Gasoil, Fuel Oil, Bitumen, Liquid Sulfur

Process Information

This refinery complex processes 2.6 M TPY of crude oil and has 4 sections: Distillation & Conversion, Distillates Cracking, Stream Section, and Utilities Area

Major Equipment

- Atmospheric Crude Distillation unit
- Vis-breaking Unit
- Vacuum Unit
- Mild Hydro-cracking Unit
- Thermal Cracking Unit
- Hydro-desulfurization Units
- Reforming Unit
- Penex (Isomerization) Unit
- HDS Kerosene Unit
- Platforming Unit
- Sulfur Recovery Units
- Ammine Washing Units
- Power station



BRIEF PLANT DESCRIPTION

This 55,000 BPD refinery available by Phoenix Equipment comes with an Atmospheric Crude Distillation Unit, Naphtha Hydrofiner and Light Ends Unit with Deisopentanizer and deisohexanizer towers, Platforming Unit (semi-regenerative reforming) which takes desulfurized heavy naphtha from the Hydrofiner unit, Isomerization unit, Two Gasoil HDS Units, One Kerosene HDS unit, Visbreaking unit, Vacuum Unit with pre-flash tower, Thermal Cracking Unit for processing heavy vacuum distillate, Mild Hydrocracker (reactor with 3 beds) taking atmospheric heavy gasoils from the vacuum unit downstream of the vis-breaker, and lastly the Utilities area with the Power Plant, Flare, Water Cooling Towers, Demineralized Water Plant, Wastewater Treatment and Vapor Recovery Units.

For more information contact -
Edward Zhang, Plant Sales
plants@phxequip.com
+1 732.520.2187 (Direct Dial)
+1 845.242.3378 (Mobile)

To discuss plants you are selling -
Jesse Spector
plants@phxequip.com
+1 732.709.7157 (Direct Dial)
+1 908.902.8854 (Mobile)