

Oil Refinery 110,000bpd.

Ceased Production in 2021



For Sale



Feedstock: Arabian Light Crude
Products: Diesel/Gasoline/Fuel Oil/Jet Fuel
Nelson Complexity Rating 9.1 (2019)

Location: Porto, Portugal

For more information visit: www.allsurplus.com/refinery

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Power Generation

- Cogeneration Power Plant GE Frame 6B Gas Turbine Generators, Natural Gas Fueled, 40MW each, (2) NEM Heat Recovery Steam Generators (67Bar @450C or 970psig @ 840F), Built 2009
- Transformers (2) 63MVA, 11KV-63KV (2) 7,000KVA, 11KV-6KV (2) 2,000KVA, 6KV-415V
- Electric Power Generation Plant (Steam Turbine Generators), (1) 61MVA Generator, (1) 61,250KVA Generator, (1) 49,000KW Generator, Built 1969, Upgraded 1980



Distillation Units



- Atmospheric Crude Distillation Unit, 83,700bpd, Built 1975, Last Upgraded in 2010, Licensor is UOP.
- Atmospheric Crude Distillation Unit, 25,600bpd, Built 1969, Upgraded in 1985 & 2013, Licensor is Foster Wheeler
- Vacuum Distillation, 12,000bpd, Built 1969, Upgraded in 1984, 1989 & 1997, Licensor is Foster Wheeler
- Vacuum Distillation Unit (Unit 10,000), 41,200bpd, Built 2011, Licensor is ABB Lummus (Shell)

Treatment and Recovery Units

- Gas Treatment (ARU)/(Acid Gas Absorption) Unit, 10,500bpd, Built 1969, Upgraded 1997 & 2010, Licensor is Foster Wheeler
- Gas Recovery & Hot Oil System, 158 ton/day, Built 1969, Upgraded 1991 & 1997, Licensor is Foster Wheeler
- Tail Gas Treatment Unit, 50 ton/day, Built 2011, Licensor is Technip KTI S.P.A.
- Sulphur Recovery Unit I, 23 ton/day, Built 1997, Upgraded 2010, Licensor is Lurgi
- Sulphur Recovery Unit II, 27 ton/day, Built 2011, Licensor is Technip KTI S.P.A.



Hydrotreating Units



- Naptha Hydrotreating Unit, 33,400bpd, Built 1969, Upgraded in 1991 & 2010, Licensor is UOP
- Diesel/Jet Hydrotreating Unit, 9,800bpd, Built 1969, Upgraded in 2011, Licensor is UOP, NDA required to review technical docs
- Diesel Hydrotreating Unit II, 32,500bpd, Built 1997, Upgraded in 2010, Licensor is Axens

Sale In Partnership

Lube, Paraffins, Bitumen and Propane Processing Units

- Lube Hydrofinishing Unit, 3,985bpd, Built 1969, Upgraded 1984 & 2006, Licensor is BP
- Propane Deasphalting Unit, 3,850bpd, Built 1969, Upgraded 1984, Maximum throughput achieved was 4,200bpd, Licensor is Foster Wheeler
- Paraffins Hydrogenation Unit, 665bpd, Built 2000, Licensor is ExxonMobil
- Bitumen Production Unit, 3,600bpd, Built 1969, Upgraded 1988 & 2011, Licensor is Foster Wheeler



Aromatic Units



- Pre-Distillation Unit (Lurgi)
- Arosolvan Fee Unit (Lurgi)
- Arosolvan Benzene/Toluene Unit (Lurgi)
- Parex Feed Unit (UOP)
- PX Production unit (UO)
- Isomar Reaction Unit (UOP)
- Isomar Fractionation Unit (UOP)
- Alifatic Solvents Unit (Lurgi)
- Aromatics Solvents Unit (Lurgi)

Sour Water Stripper Units & Spare Vessels

- Sour Water Stripper Unit, 1700bpd, Built 1997, Upgraded 2010, Licensor is IFP
- Sour Water Stripper Unit II (Fenolic Feed/-Total), 3000bpd (Fenolic Feed) /4600bpd (Total), Built 2011 Licensor is Fluor
- Flare Drum, Spare UNUSED, ~15' (~4,500mm) Dia X 30' (~9,100mm) T-T
- Desalter Vessel, Spare UNUSED, ~9' (~2,750mm) X 15' (~4,500mm) T-T



Reformer Units

- Technip Continuous Catalytic Reforming (CCR) Platforming, 11.954bpd (1975/1983)
- Foster Wheeler SR Platforming 17.3bpd

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Ancillary Equipment

- Air Compressors
- Generators
- Workshop Equipment
- Materials Handling and Warehouse Equipment
- Heat Exchangers, Pumps and Valves
- General Spares, etc.

Offers invited for the whole, or for individual and groups of equipment and warehouse spares.

Inspections strictly by appointment only.

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