



Description -
Vacuum Distillation Unit (VDU)
Process Flow Diagram

Process Description

Crude is fed to the vacuum distillation unit (VDU). The cuts namely VGO, LVGO and HVGO are designed to meet their ASTM cut point specifications. There are two pump arounds. Structured packings are used as column internals. The selection of structured packing depends on the consideration of mass and heat transfer across column.

Experience

Finepac[®] Structures has the design capabilities to model and optimally design refinery processes. Over the years we have acquired specialty in vacuum distillation units where structured packing is the preferred choice for column internals. The primary activities carried out by Finepac has been to retrofit existing tray columns with structured packing to increase capacity and performance.