



Crude Oil Feed

Gases  
<math><40^{\circ}\text{C}</math>

Naptha  
25 - 175<math>^{\circ}\text{C}</math>

Turbo- Jet  
/kerosine  
235 - 360<math>^{\circ}\text{C}</math>

Gas Oil  
235 - 360<math>^{\circ}\text{C}</math>

Heavy Gas Oil  
330 - 380<math>^{\circ}\text{C}</math>

Residue

Hydrofining

Turbo-jet fuel  
Kerosine

Hydrofining

Auto diesel  
Marine diesel oil  
Heating oil

340 - 575<math>^{\circ}\text{C}</math>

340 - 575<math>^{\circ}\text{C}</math>

540+<math>^{\circ}\text{C}</math>

580+<math>^{\circ}\text{C}</math>

490+<math>^{\circ}\text{C}</math>

Steam cracking

Isomerisation

Reforming

Catalytic cracking

Residfining

Lubricating oil treating

Refinery fuel gas

Protane and butane (LPG)

Petrol

Sulphur treatment

Additives

Energy chemicals

Ethene recovery

2-Methylopropene extraction

Butan-2-one

Halobutyl rubber production

Purchased 2-methylbuta-1, 3-diene

Purchased Chemicals

For plastics manufacture (high/low density polythene, PVC), anti-freeze and other epoxyethane derivatives

MTBE for anti-knock in petrols

An important solvent used in paints and adhesives

Halobutyl rubbers for tubeless tyre linings and pharmaceutical stoppers

Lubricant and fuel additives

Speciality chemicals used in the production and refining of oil

Lubricant basestocks

Fuel oil

Bitumen