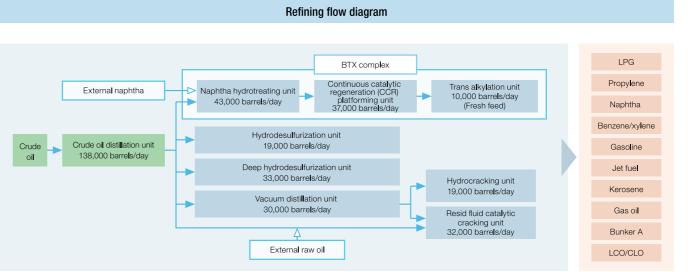
Shikoku Operations/Oil Refining Facilities







Crude oil distillation unit

Crude oil is distilled and fractionated into LPG, naphtha, kerosene, gas oil and residual oil.



ydrocracking unit

kerosene and gas oil by mixing vacuum gas gasoline fractions oil which is distilled from residual oil in the vacuum distillation unit with hydrogen gas and reacting it with a catalyst in a high-temperature and high-pressure atmosphere.



Resid fluid catalytic cracking unit

This unit produces propylene, LPG and gasoline fractions by decomposing heavy oil which is the raw material by contacting with a catalyst in a high-temperature and low-pressure atmosphere.



Benzene and xylene are produced by hydrotreating and catalytically reforming naphtha which is the raw material and then distilling, extracting and transalkylating the resulting

Shikoku Operations Refining and production capacity

Crude oil storage tanks	9 units	638,406
Product and semi-processed product tanks	65 units	486,972
Tanks for petrochemical products	4 units	37,563
Slop tanks	4 units	18,691k 2,150k
Home fuel tanks	3 units	
LPG tanks	13 units	11,862
Molten sulfur tanks	2 units	2,340,000k
Total	100 units	1,183,782
		11,862
		2,340,000k

Refining capacity 138,000 barrels (21,942kl)/day				
No. 1 Crude oil distillation unit	1 unit	106,000 barrels (16,854kl)/day		
No. 2 Crude oil distillation unit	1 unit	32,000 barrels (5,088kl)/day		
Vacuum distillation unit	1 unit	30,000 barrels (4,770kl)/day		
Hydrocracking unit	1 unit	19,000 barrels (3,021kl)/day		
Hydrogen recovery unit	1 unit	1,036,800Nm³/day		
Hydrodesulfurization unit	1 unit	19,000 barrels (3,021kl)/day		
Deep hydrodesulfurization unit	1 unit	33.000 barrels (5.247kl)/da		

BTX complex				
aphtha hydrotreating unit	1 unit	43,000 barrels (6,837kl)/day		
ontinuous catalytic regeneration (CCR) platforming unit	1 unit	37,000 barrels (5,883kl)/day		
(including 19,000 barrels/day for petrochemicals)				
romatics fractionation unit	1 unit	34,500 barrels (5,486kl)/day		
romatics extraction unit	1 unit	11,000 barrels (1,749kl)/day		
ydrogen recovery unit	1 unit	2,054,400Nm ³ /day		
rans alkylation unit	1 unit	10,000 barrels (1,590kl)/day		
		(Fresh feed)		
o. 2 Aromatics fractionation unit	1 unit	19,000 barrels (3,021kl)/day		

1 unit	32,000 barrels(5,088kl)/day
1 unit	7,100 barrels(1,129kl)/day
1 unit	7,200 barrels(1,145kl)/day
1 unit	17,000 barrels(2,703kl)/day
	1 unit 1 unit

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