

# Gas To Gasoline Plant

Produces high-quality gasoline containing no toxic substances  
 with reduced CO<sub>2</sub> emissions

The plant produces 100% chemically synthesized high-quality gasoline (high octane number, no lead and sulfur content) by using natural gas as feedstock.

The adoption of the ATR (Autothermal Reformer : utilizing reaction heat generated by feedstock chemical reaction) instead of ordinary external combustion reduces CO<sub>2</sub> emissions from natural gas reforming process.

Features of GTG Gasoline

Item	GTG Gasoline	Europe EN	Japan JIS
Octane Number	≥ 92	95 Unleaded Petrol 91 Unleaded Petrol	96 High-octane 89 Regular
Lead (mg/ℓ)	Nil	≤ 5	≤ 1
Density(g/ℓ)	730	720 ~ 775	783
Sulfur(ppm)	Nil	10	10



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**Kawasaki  
 Ecological Frontiers  
 S class**



### Product Description

The plant is the only one of its kind in the world that reforms natural gas into more valuable gasoline used in motor vehicles and so on, and it has the capability of producing 1,800 tons of gasoline per day (about 600,000 tons per year), as well as 350 tons of LPG as a by-product

### Features

- Using clean natural gas as feedstock for the production of gasoline instead of crude oil
- Gasoline produced at the plant is 100% chemically synthesized, it contains no heavy metals and only small amounts of impurities, so no toxic substances are emitted during its combustion